## Te AVIDRICAN

## ||(0)V|| <br> for November



Come Inside and Shop $\rightarrow$

## "Have you seen what Milly did

## to her bathroom!"

$\mathrm{B}^{\text {arbara stopped dead, right in the middle }}$ B of playing a small slam bid. "What could anyone do with that old bathroom?"
"You ought to see it now," I said. "She started her remodeling with some new Armstrong's Linoleum and . . ."

Marge broke in, "I know Armstrong's Linoleum is wonderful, but the prettiest floor in the world couldn't help that old bathroom of Milly's."
"Well, it isn't just the floor. You see, she..." I stopped, knowing that I could never make them see it with words. If I told them that Milly had pasted roses on the ceiling, they'd feel the same way I did that afternoon she called me up, begging me to come right over-as if something awful had happened.
"It's my bathroom," Milly said at the door, and from the look in her eyes, I knew she was scared to death to show it to me. "I probably shouldn't have let myself go," she said, "but I've always wanted to do things-and my bathroom was so horribly old-fashioned." Her hand was on my arm. "I'm so afraid I've gone overboard."

I expected the worst-and was I surprised! If Milly hadn't told me she'd done it herself, I'd have sworn that she'd called in the best decorator in town.
"I wasn't going to do all this," Milly explained timidly. "I started with new fixtures and this Armstrong's Linoleum. Then I took a chance with those rose curtains ... and then I tried to tie things together with a


few roses around the mirror and well, before I knew it the darned roses were blooming all over." I slid my arm around Milly, "Darling, it's simply wonderful. I never knew you could do these things." I couldn't be sure whether Milly was going to laugh or cry. "What will the other girls think?"
"Just wait," I said. "Tll bring them over Friday."
That's what I was leading up to, but I never expected we'd wind up with Barbara's tossing in a small slam and suggesting we drive right over.
I don't think I've ever been happier than when I was watching Milly's face while the girls raved... particularly after Marge had asked her to go into town tomorrow to help pick all the Armstrong Floors for their new house.
This old bathroom was the horror of the household until Milly got busy with a little Armstrong's Linoleum and a lot of imagination and courage. The old bathroom made way for a sparkling new bathroom that's prettier than most powder rooms.

Here's how Milly did it. This bathroom has had a face lifting. Old plumbing fixtures were replaced. The wainscoting was ripped out and the dressing table and cabinets built in along the walls. The custom-designed floor is Armstrong's Marbelle Linoleum, Style 08, inset with scrolls of No. 21 Evergreen. Unsightly walls were covered with Armstrong's No. 700 Green Linowall, making them splashproof and as easy to clean as the floor. The roses on the ceiling and cabinets were cut from wallpaper and pasted on. Decals of smaller roses were also applied to the Armstrong's Veos Tile to form a colorful and decorative pattern around the mirror. If you would like to have a free list of furnishings and floor plan of this room, just write us.

Send for new decorating book. "Ideas for Every Room," by Hazel Dell Brown, contains practical decorating hints for every room in the house. Its 32 pages are packed with full-color illustrations of exciting room interiors. Whether you are thinking of building or remodeling, this book will be helpful. To get your copy, send $10 \dot{\varepsilon}$ (outside U. S. A., 40 ) to Armstrong Cork Company, Floor Division, 4811 PineStreet, Lancaster, Pennsylvania.


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November, 1948
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BELL TELEPHONE SYSTEM


-     - PEG and TED HUNTER, of "They Harnessed the Sun" are working components in the inauguration of young ideas in architecture. Peg, a Wheaton graduate, won a scholarship to the Smith Graduate School of Architecture in Cambridge, finishing at Harvard. Her working experience includes valuable time with Antonin Raymond. Ted went to Dartmouth Engineering School and Harvard Graduate School of Design. He traveled in Europe and South America with Olympic and Pan-American ski teams, thus becoming interested in ski resort architecture. Thorner House in Franconia and Toll House in Stowe are his designs. The Hunters, living in New Hampshire, feel that only contemporary design can take full advantage of the Northern New England site-a view from a hill.

-     - alice lake began her varied career with several years of writing publicity for CBS, after graduating from Vassar. Then, as World War II began, she did a short stretch as propaganda analyst for OWI, dropped everything to join her Army husband. During this restless period, she worked as a sewing machine operator; reported for the St. Paul Dispatch, and (incongruous as it may seem) ended up as a Traveler's Aid subofficial. Now she does free-lance writing and raises tomatoes-both (see her article "Honesty Begins : Home") fruitful occupations.

-     - BETSY COLLINS, a young native New Yorker, exhibits a potential creativeness that puts a promising future right in the palm of her hand. When she was a little girl, Bets and her mother worked out a doll-house-bookcase combination as a space saver. Now, a Freshman at Friends Seminary, with a course in Shop Work behind her, she decided improvements were in order; so she worked out a new dollhouse. Hence, "The Dollhouse I Always Wanted."


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## contributors

Jacqueline Crouse, Art Student, outsparkled 1300 of Boston's brightest beauties in a Community Fund contest to choose the city's 1948 Red Feather Girl. A jury of prominent citizens awarded her the "crown"-a Lilly Dache hat adorned with a red feather, Dache hat adorned with a red feather,
symbol of the Community Chests of America.
Jacqueline's smile has a way with college men, too. They voted her "Sweetheart of Sigma Chi" at Brown University. Now her smile is brightening the campus of the Rhode Island ing the campus of the Rhode Rsland School of Design. "It's a Pepsodent
Smile," Jacqueline says. "No other tooth paste will do for me!"


- JACK ROCHE, upon arrival from Ireland, underwent seven years of structural engineering study, later attending the Clarence $H$. White School of Photography, where he became a teacher. Then-six years in the Nickolas Muray studio and, finally, after the war (spent as head photographer for the Engineer Board of the War Dept.), he opened his own studio. He met Mary Alice at the White School, where she was trying to stifle youthful literary disappointments. After their marriage she again turned writer, working in collaboration with her husband. Their joint article, "Wise Gardener Reaps a Second Harvest" is on pages 94 and 95

- DOROTHY MONROE, our Southwest correspondent, couldn't be more suited to her article "Texas Colonial-20th Century Comfort." A native Texan and former Editor-Publisher of Southern Home and Garden, she has always been strongly conscious of civic problems and home planning. This interest was greatly increased during the war when she served three years as a hospital worker for the American Red Cross in the South Pacific theater. There she found a prevalent thought in the minds of most of her young male patients, expressed hopefully, in the words, "When I get home we'll get a place of our own.

 LEVER BROTHERS COMPANY

-     - Jean dakin veit found photography not only a career but also the "Open Sesame" to her happy married life. Through picture taking (begun in the leg art atmosphere of a University of California sorority house) she was offered a job as the Director of Weddings in a Los Angeles church. Now she's married to the associate Minister, has two rambunctious children, and still manages to continue photography, viz. her picture series on pages 120 and 121 .
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IIuring Children's Book Week, an event of national importance which takes place from November 14 to 20 , parents, schools, libraries, and other organizations throughout the country will campaign to stimulate interest in good reading for children. To tie in with Book Week, we have made a brief selection from the hundreds of new juveniles published this year. All of them are good booksand we believe they are books that children will read over and over again.

First Books, for Children from 2to5:
Tiny Animal Stories, by Dorothy Kunhardt, pictures by Garth Williams, published by Simon and Schuster, Inc., price $\$$ r.oo. A midget library of miniature volumes in an attractive case which children will love. Each tiny volume tells a complete story, is charmingly illustrated. A sure-fire Christmas gift item.

Gabriel Churchkitten and the Moths, written and illustrated by Margot Austin, published by E. P. Dutton \& Co., Inc., price \$1.25. There's many a chuckle in this amusing tale about a moth-eaten kitten who thought he was going to be dis-carded-and was proved wrong!

Babar's Cousin, written and illustrated by Laurent de Brunhoff, published by Random House, $\$ 3.50$. Another in the famous series of picture books about King Babar, Queen Celeste, and their lovable family of elephant children. Definitely one of the best "young books" of the year.

A Child's Grace, preface and verses by Ernest Claxton, photographs by Constance Bannister, published by E. P. Dutton \& Co., Inc., price $\$ 2.00$. A collection of easy-to-say prayers for children, illustrated with beautiful pictures by a well-known photographer.

Little Red Riding Hood, retold and illustrated by Elizabeth Orton Jones, published by Simon and Schuster, Inc., price 25 cents. An old favorite you can't possibly go wrong on.

Wonderful Story Book, by Margaret Wise Brown, pictures by J. P. Miller, published by Simon and Schuster, Inc., price \$1.50. A "Giant Golden Book" packed with more than forty new stories, poems, and riddles. Children will like "The Terrrrible Tigerr"" and "Fifteen Bathtubs."

For Children from 5 to 8:
My Father's Dragon, by Ruth Stiles Gannett, illustrated by Ruth Chrisman Gannett, published by Random House, price $\$ 2.00$. A mythical place called "Wild Island" is the locale of this fascinating yarn about a group of lazy animals and the baby dragon they tried to put to work for them. A rare find, and our first choice for youngsters in this age group.

Wild Folk at the Pond, written and illustrated by Carroll Lane Fenton, published by John Day Co., price $\$ 2.00$. Creatures who live in pond communities-crayfish, turtles, kingfishers, raccoons-are brought to life in terms a child can understand.

Rose Fairy Book, collected and edited by Andrew Lang, illustrated by Vera Bock, published by Longmans, Green and Co., Inc., price $\$ 1.50$. A handsome collection of tales about princesses, magic, and enchantment.

Nils, by Ingri \& Edgar Parin d'Aulaire, published by Doubleday \& Co., Inc., price $\$ 2.50$. Lovely colored lithographs dramatize this story of a Norwegian-American boy who hopes to be a cowboy some day.
For "Middle-Agers," from 8 to 12:
The Four Corners of the World, written and illustrated by Roger Duvoisin, published by Alfred A. Knopf, Inc., price $\$ 3.00$. Vivid text and magnificent pictures present details of Pizarro's search for gold and the conquest of Peru. Although historical, it's anything but dull!

Sleigh Bells for Windy Foot, by Frances Frost, illustrated by Lee Townsend, published by Whittlesey House, price $\$ 2.00$. Boys and girls who like horses will relish this book about a youngster named Toby and his dappled pony. Warm, human story.

Mystery Nature Stories, by Mary Adrian, pictures by Elizabeth P. Korn, price $\$ 2.00$. For the child who demands facts and drama in the same book, try this volume of true stories concerned with strange and mysterious happenings in the woodland.

River Dragon, by Carl D. Lane, drawings by Charles Banks Wilson, published by Little, Brown and Co., price $\$ 2.50$. Adventure, Indians, and ambushes aplenty in this stirring story of the first voyage of a steamboat up the Missouri River.
The Trail of Courage, by Virginia Watson, illustrated by Marcia Brown, published by Coward-McCann, Inc., price $\$ 2.50$. Authentic background details enliven a realistic account of a young girl's life in New Amsterdam.

[^2]

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- A chorus along the lines of famed Mitchell Boychoir is one answer to problem of juvenile delinquency. "The boys love to sing," says Bob Mitchell, choirmaster, "and our activities keep them off the streets"

A COMMUNITY BOYS' CHORUS

## Hay Camplell

Fourteen years ago, a young choirmaster named Bob Mitchell conducted six boys through a choral performance at High Mass in a Hollywood church. It was, although nobody realized it, an historic occasion. Not only did it mark the first appearance of what has become one of the most famous choral groups in the country, the Mitchell Boychoir, but the group itself presented a fine, new solution to the problem of juvenile delinquency. When Bob Mitchell began his choral work with boys, there was no thought in his mind of dealing with a complex social problem like juvenile delinquency. His only interest was music, but time has shown that music can provide an answer to this problem, one which almost every community faces today. "A boy who rehearses with a group three hours a day after school doesn't have time to roam the streets and get into trouble," Mitchell notes. "And you can add to this the time spent in community service, at radio broadcasts, church, benefits, club socials, and other affairs. A growing boy's energy which might be wrongly spent is channeled into worth-while activities which he enjoys."
In addition to keeping youngsters off the streets, work in a choral group also helps to build character. "The first thing a boy learns is teamwork," the choirmaster says. "He learns how to get along with others of his own age, regardless of race or background. He is one of a group, and he's proud of it. Also, he becomes proud of each member of the group, and any prejudices he may have had previously are bound to disappear."
According to Mitchell, a boy soon discovers that he has obligations to
(no moving parts in the freezing system)


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society, that if he fails to show up for a concert, he is going to disappoint a great many listeners and spoil the show for the other members of his team. He knows that he must not be tardy for rehearsal, or he'll be persona non grata with the other lads who have had to wait for him. Thus he acquires dependability and learns respect for time itself.
The six original choirboys have long since grown up and been replaced, but the group has become an internationally known institution. At the moment, the Mitchell Boychoir includes about two dozen members, all between the ages of twelve and sixteen, and most of them from Los Angeles and its suburbs. The Boychoir is entirely interdenominational, with youngsters of all creeds working together harmoniously.

Mitchell, who holds auditions twice a year, tries to keep each group together as long as possible. When a soprano's voice changes, he is given the opportunity of singing in another section if he wishes.
Two factors are taken into consideration at the auditions: one, the youngster's voice; and two, the attitude of his parents. Indifference on the part of parents has a strange and devastating effect on regularity of the child's attendance. Sometimes this is overcome by the child's own interest in the work, but it always must be taken into account.

Although they've given innumerable benefits for various organizations and appeared on the radio several times, the Boychoir's first screen appearance was in "Broadway Melody of 1938 ." Since that time, the group has been in frequent demand at the studios. When the boys sang "Wishing," in "Love Affair," the song became a hit overnight. The same thing happened when they introduced "Swinging on a Star," in "Going My Way." However, their specialty is still sacred music, and in almost every film, they have sung at least one hymn. In "The Bishop's Wife," it was "O, Sing to God," a lovely and little-known anthem by Gounod
"The boys never tire of singing," Mitchell asserts. "Before and after rehearsals, you'll find a group of them together, harmonizing a new song or an old one. And when we make long
trips by bus, they sing all the way.
Many of the boys who join the group don't know how to read music at first, but they soon learn. The repertoire, which includes every type of musical composition from Gregorian chants to jive, is actually quite educational. These youngsters sing in English, Latin, Danish, French, German, Hebrew, and Norwegian.
"As soon as a boy gets the conception of accomplishment, he becomes a good student," Mitchell claims. "If a boy's schoolwork seems to be suffering, he is relieved of all professional obligations until he makes up his marks."

The boys contribute one-fourth of their screen earnings toward their schooling and expenses, and many of the "graduates" have paid for college educations with the money they've earned. The days are sometimes very busy. In addition to school and rehearsal, they may have a film assignment, a church engagement in the evening, and an early morning broadcast. This calls for split-second scheduling, and frequently leads to curious inconsistencies. On a single day, for example, a boy may record a vocal passage at a jive session and later broadcast sacred hymns.

The choirmaster, who is only 34, 1 makes all the arrangements for his celebrated choir. He is not a rich man, as he so easily could have been if he had chosen to exploit his young charges. Bob is happy if he can make ends meet, and frequently he has to pay his boys' expenses out of his own pocket. But he doesn't mind. "Even if I lose money," he says, "I still consider myself a lucky man.'

Bob Mitchell is a trained musician, who attended Eastman School of Music and later was graduated from New York Conservatory of Music. He believes that every community has at least one musically-trained member who could train a boys' chorus, provided he had community backing so that instruments could be obtained and a place for rehearsals. It takes work, not wizardry, to build up membership and hold the interest of youngsters. But when you hear them lift up clear, young voices in song, you'll agree it's worth the effort.

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## Lighthearted and Livable

Cheerful as a chuckle is this brand-new Daystrom dining set, in a gay sun-and-shadow color combination. The roomy oval table welcomes large families, seating six. A center extension zips in for an extra foot of dining space when company calls. Those comfortcurved chairs have sagless springs, and deep, soft cushions. Richly upholstered in washable Duran, pertly'piped with yellow.



Jim had told me about Ann, a former flame, before we even came to Detroit to live. Said we'd adore each other. But when Ann popped in the very day we arrived - with the house a shambles-I could have strangled her with her pure-silk scarf!
"Do let me help!" she caroled. "Maybe I could fix your linen closet? My own was such fun-with all those smooth, luscious percale sheets!" I felt a fine rush of pure green envy. "Still must get $m y$ sheets," I said. "But I fear the budget frowns on percale!"
"Nonsense, darling," Ann laughed. "I mean Cannon Percale Sheets-the ones all of us young-marrieds own. They cost only a little more than heavy-duty muslin-and what a difference! Like sleeping on clouds, or gardenia petals, or something!"
"But look, I'm the practical type..." I began. "So are Cannon Percales!" assured Ann. "Wonders for wear-and so fine-woven and light that bedmaking and laundering are easier!" About then, Jim piped up. "Car's outside, gals-these Cannons sound like the deal. Dear, didn't I say you'd like Ann?" Why do men always have to be right?

## Cannon Pervale Sheets

# BEGEIS AT HOVIE 

1re you ever tempted, when you're going out in the evening, to have the sitter arrive after your child is fast asleep and then slip out quietly? Yes, it's one way to avoid a scenetearful pleadings, skirt clinging, looks of desolation. Probably, you think you'll have returned home long before the child awakens, and he'll never know the difference.

Next time you're tempted, think about Johnny. Johnny's mother went out one night, secure in mind. The sitter was comfortably settled in the living room, and Johnny had been asleep for some time. When the mother returned at the end of a pleasant evening, she was horrified to find her child sitting up in bed with a tear-stained face and a ruffled sitter trying frantically to comfort him. It seems that Johnny had awakened a few minutes earlier and called out for his mother. When a complete stranger appeared to answer his call, he was overcome with fright at the sight of her unfamiliar face, began sobbing wildly, and could not be induced to go back to sleep.

The next evening at supper, Johnny asked his mother if she was going out again and received a truthful "No" for an answer. Johnny looked worried, but dropped the subject. Later, when it came time to be tucked in and have the light turned out, Johnny balked, for his three-year-old mind reasoned quite simply: "If I go to bed and close my eyes, how do I know Mommy won't leave me again? It isn't safe to go to bed."

It was close to a month before Johnny again accepted bedtime without fussing. How much simpler it would have been if his mother had said, "Johnny, I'm going to a party tonight, but I won't leave until you're fast asleep, and I promise to give you a big kiss and hug in the dark as soon as I come home." Being honest with a child-in word and attitude-is essential to his security and his trust in you, and it's part of the larger pattern of accepting him as a human being.

The child who goes to the doctor with full knowledge of what's going to happen will take the visit pretty well. What's more, he'll take subsequent visits to the doctor much better than the youngster who's been given evasive answers. The latter will remember the doctor's office as a place where he's been tricked, and he'll be likely to balk and scream when he's led there six months later. Relations with the doctor will suffer, and, more important, the first faint distrust of Mother will have been implanted in the growing child's mind.

Being honest is not always easy. Perhaps you go to the park with Judy, who is proudly pushing her new doll carriage. She
looks longingly at the swing near-by, but is dubious about leaving her prize, afraid that bigger boys and girls may take it while she's gone. Smiling, you promise her, "Don't worry. I'll watch it," and off she goes, A few minutes later, a friend comes along with her little girl, who clamors to play with the carriage. You'd feel silly and selfish if you said "No," so with a sly glance at Judy, busy on the swing, you let the youngster wheel the carriage away. When Judy returns, she bursts into tears, and you feel guilty. The next day, you feel even guiltier when she stations herself grimly beside the carriage and refuses to budge. You could have kept faith with Judy by saying to your friend's youngster, "I've promised I won't let anyone play with her carriage without asking her first." Then you could have asked Judy's permission, approaching her tactfully, in a manner calculated to induce her to relinquish her carriage in a glow of generosity. Probably she would have consented.

With a small child, honesty must often be a long-term business. It isn't enough to say one morning, "Daddy and I are going away today on a vacation, and Grandma will come and stay with you." Naturally, the child is bewildered, unsettled, by the sudden, complex adjustment he must make. He will resent your absence almost as much as if you had sneaked out while he was asleep. Instead, try it this way. Mention your trip a week or two in advance, stressing the fun he's going to have with Grandma while you're gone, and keep bringing it up in conversation whenever you can. Make your absence and the round of events you've planned for him a familiar refrain long before you leave, and you'll find that even a two-year-old will make an amazing adjustment to your absence. He will find no crack in the wall of trust and confidence he has built up around you. You and he will learn to look forward to vacationtime.
A similar technique works wonders when you're planning to go to the hospital for a second child. An adequate, honest preparation, both for your absence and for the baby's future presence, will guard the first child from the sudden shock of change, which is so difficult for routine-lovers of two to four. It is sometimes helpful to set up the baby's furniture in advance and let the youngster help assemble the infant's wearing apparel.

Tricking a child, in the smallest way, may
shake his faith. Don't think you'll get away with


Today, few of us frighten our children with bogies, but many modern substitutes have been invented. For the city child, it's often the park employee who is conjured up as being all-powerful and severe, or the policeman with his heavy stick. "If you don't go to sleep," a mother warns, "the park man won't let you go on the slide tomorrow." Why not a simple, "If you don't go to sleep, you're going to be too tired to enjoy sliding."
Mothers sometimes go to great lengths to keep from telling the simple truth. Recently, at an intersection, I overheard this conversation. "Jean," the mother said, grabbing her daughter's wrist, "always take my hand when we cross the street."
"What will happen if I don't?" the child asked.
"That policeman who's directing traffic will come after you with his big stick."
A truthful, and better, answer would have been, "Because there are cars on the street, and I want to keep you from being hit by them." In this case, the simple answer is not only the truth, but it promotes understanding of a strict rule of childhood. When the youngster starts crossing streets by himself, he must watch out for cars not because of a policeman with a stick, but because he wants to avoid being run over. Here, parental honesty helps build independence.
Children are amazing in their ability to detect devious maneuvers on the part of parents. On nights when you try to hurry them off to bed, they seem to be particularly balky and dilatory about their bedtime chores. They sense the feeling of urgency and use any number of delaying tactics. Telling them frankly what all the hurry is about may not get them to bed earlier than usual, but it's more than likely to clear the

## Mother never tries to "slip


fection during childhood, and, if the goal is set too high for him, he may become permanently discouraged. An occasional incident which brings the parent down to his level-responsibility for a careless accident freely acknowledged, the admission of a mistake-not only delights him but makes it possible for him to keep his imitative goal in sight.

Although there is probably no such thing as too much honesty, honesty at the wrong time, or in incorrect doses, can be harmful. For example, Mrs. Brown took little Joan to nursery school every day for one week. Each day she waited until Joan had forgotten her and was playing happily with her classmates. Then she interrupted whatever they were doing and said, "Mommy's going now, Joan." At this point, Joan always burst into a
flood of tears. This mother was being conscientiously honest, but her timing was poor. Certainly she should not have abandoned Joan and slipped out like a thief. But after the first few days of adjustment, she could have explained to the child, "Mommy is going to stay until she's sure you're having fun, and then she'll leave to do her errands. She'll be back to call for you at lunchtime." Chances are that the child, with fair warning, would not have noticed her disappearance.

Dishonesty with children may be a frequent temptation. But remember that honesty implies a respect for the child as a human being, and it is catching. Play square with your youngsters, and they'll not' learn how to lie and cheat at home. Honest parents usually raise honest children.

out." The truth may be painful at first, but wins trust
"This is what the doctor will do" paves way for examination
air a bit and ease your own feeling of irritation and annoyance.
One of the hardest things about honesty is being honest about yourself. Admitting to a child that Mother and Dad are sometimes wrong can be a refreshing experience, both for the parents, who sometimes must restrain themselves from being too omnipotent, and to the child, who needs to learn gradually that his ideals aren't perfect. Parents who gradually keep lowering the pedestals on which their children place them are taking a long step toward helping them acquire understanding of human nature.

When a parent has punished a child wrongfully, or blamed a child for a mistake which was not his, the parent will find wholesome family relations stimulated by a frank admission of the error. Sometime try imagining yourself in the position of the four-year-old, constantly seeing and trying to imitate the perfection of the neverspilling, never-soiling, never-weeping adult. He can never attain such per-


The experiences of Mr . and Mrs. David Perazzo, who after endless searching found a run-down basement apartment and transformed it into a cheerful, livable home, should prove inspiring to others faced with the problem of making an attractive home out of seemingly impossible quarters. The apartment had not been lived in for five years. It was dark, forlorn, and forbidding, but the Perazzos were desperately in need of it and took it. They did all the cleaning, painting, and necessary built-ins, themselves. Mrs. Perazzo made all the curtains and draperies out of the least expensive materials she could find. Sailcloth, corduroys, and cotton dress materials from the dress-goods counters helped to keep the decorating budget in line and dispositions even.
Together they decorated the bedroom walls with flowers and scrolls. Their use of color gives the apartment a fresh, youthful look. Enthusiasm and hours and hours of hard labor has paid rich dividends in final results. Living-room walls are done in a bright dark-green paint. Ceiling and woodwork are white. Rug is red. Draperies and valance are bright-red sailcloth, matching the red lining of bookcases. White marquisette glass curtains are hung very full at all windows to help shut out the unpleasant view and add light to the rooms.
All the furniture is inexpensive, bought at out-of-the-way places. They call themselves "antique ransackers" because they sought out dusty antique shops rather than the expensive ones. Not much thought was given to periods or styles, although French Provincial and Duncan Phyfe predominate. They bought what they could find for the price they could pay, and happily it all fits and looks well together. Two chests and a chair were too far gone to be refinished, so Mr. Perazzo painted and decorated them in the Peter Hunt style. The wing chair by the fireplace has its original crewel-embroidered covering.

A little hall joins the living room and bedrooms and serves as a picture gallery. Mr. Perazzo's hobby is photography, and his pictures are displayed here. There is room enough for a small table and a pair of chairs which are sometimes used for dining. Walls are a bright yellow. Two bedrooms are worked out exceptionally well. Even ugly overhead pipes appear inoffensive painted the ceiling

F. M. Demorest

impossible in a dark, bleak
basement . . . their
youthful determination
and hard work make a real and colorful home of it


- Mirror on wall and colorful chest painted in rich peasant style transforms dark useless closet. Built-in shelf for books adds further interest. Ladder-back chair and low chest decorated by Mr. Perazzo
- Old Limoges game plates by Haviland look well against dark-green wall, make simple attractive mantel arrangement. Armless tufted chair with deep fringe trimming has faded red cover. Old commode rejuvenated and decorated in gay provincial style adds pleasing note

and wall colors. The main bedroom has watermelon-pink walls, white woodwork, and decorations done in white and green. The idea of the flowers, painted on walls at corners, helps conceal uneven walls. An illustration in an old issue of The American Home inspired this feature. Bed covers are dark green with bolsters monogrammed in white braid. These were designed by Mr. Perazzo. Draperies are of the same green material.

Powder-blue walls and white woodwork make a restful guest room. Dressing-table shelf with skirt of coin-dotted cotton in blue and white hides a radiator. Closets are built at either side of this. Draperies and curtain for bunk and bed cover are of this dotted fabric. Two old brass hanging lamps are electrified and equipped with swinging arms attached to side walls of closets to function as convenient dressing-table lamps.

Kitchen walls and ceiling are soft blue. Top of table and cupboards are


- The-Perazzos' artistic hand is seen in scroll design around tiny fireplace in their bedroom. Decoration done in white against pink of wall is gay, sparkling
- Master bedroom and guest room, shown below, express youthful ideas, ingenuity and fearless use of color and design. Once narrow cell-like and dark, these rooms now are cheerful and gay


## 

## 

ETHEL M. EATON

Terrariums are such fun to make and so fascinating to watch, that I wonder more people don't have them. Soil, moss, and suitable wild plant material can be found in fields and woodlands and along roadsides, and small pieces cut or broken from stems, rootstalks, or clumps will usually take root and soon grow into nice little plants. Tree seedlings are charming while small, and many tiny house plants, obtainable at the florist's or even at 5 -and-10-cent stores, will thrive in a terrarium. Lichen-covered twigs or pebbles are interesting tucked in among the plants, as are bits of tree fungi. Specific directions for watering, ventilating, etc. vary with the location and size of the container, the kind of plants grown, and many other factors. But with a little experience, one soon learns what to do, and how, and when. Half the fun lies in the surprises that greet you, such as an exquisite blossom some morning where there was no sign of one before. One winter day, I was thrilled to find a butterfly!


- Soil, moss, pebbles, plants can be gathered on fall walks through woods and pastures. If not obtained all at one time, keep plants moist, with soil around their roots until ready to assemble them. Before starting to collect, try to visualize the finished planting, then dig only as much suitable material as you will need so as to avoid unnecessary destruction of wild things. And see what plants in tiny pots your florist has

- To make a terrarium, spread an inch or two of clean, sharp sand in the bottom for drainage and on it a layer of chopped charcoal; bits of charred wood from the fireplace will do. If you don't want these layers to show, leave an inch of space between them

- Now set the little plants in place, carefully embedding each one firmly in some of its own soil, on top of the sand, not pressed into the latter. Allow ample space for root growth and nourishment. Keep planting in scale with container. Don't crowd the material
and the glass and line it with moss (any kind but sphagnum) placed with the root side inward. For soil, use leaf mold from the woods, if possible; otherwise a light mixture of pasture loam, peat moss, and sand. Whenever you can, include some of soil from the place the plants came from

- With plants installed, cover any bare soil with moss and, if desired, lay paths of sand or gravel and insert "boulders" and tiny stumps, etc. When everything is in order, sprinkle lightly with a fine spray, put a glass cover in place (see next picture), and watch your garden grow

- Spread the soil on the charcoal to a depth sufficient for the root mass of the plants. Heap. it up at the back (if the terrarium is to be viewed only from one side), or grade it to an interestingly varied topography of miniature hills and valleys

- Keep a woodland terrarium out of full sun; a north window is ideal. But give succulents and cacti all the sun you can. Always water lightly. Ventilate if moisture condenses on glass, and if mold appears; also removs any affected plants

- Drexel Furniture Company's Handi-Tray Server from the New Travis Court Group in mahogany. Top drawer is actually a hostess tray which lifts out, has hand grips on side. Pacific Silver Cloth Tray included. Measures $36 \times 19 \times 34$ in. high. Retails around $\$ 110$
- Two unit chifforobe for a man from Morgan Furniture Co.'s new Spacemaker modern group, has English tray drawers for clothing, sliding dressing shelf with lift-up mirror. Base is chest. Comes in 30 or 40 inch width

- Separate server and china cabinet made by Heywood-Wakefield Co. Base server has tambour doors which slide into sides of cabinet and reveal generous storage space. Top compartment has sliding glass doors with adjustable shelves. Pieces are part of a dining-room grouping
- An extremely wellstyled table for small price-around \$261 Top is mahogany veneer with line of boxwood inlaid around edge, underparts solid mahogany. Top is 22 inches in diameter, table height 27 inches. Brandt Cabinet Works

- Arvin Chrome dinette set has new development in table-leaf design. 12 inch leaf is stored underneath table top, slips into place with simple hand operation. Mechanism is foolproof. Table can seat 8 , will open to $34 \times 62$ inches. Chairs covered in Vinyl fabric. About $\$ 100$ set

- New-looking chrome dinette set by Balboa Chrome Furniture Co Double chrome tubes make graceful cabriole legs, and chairs have continuous strip which forms cabriole leg at front, elegant curve for back leg. Top is colored glass, chairs upholstered in Duran
- Big drum table by Colonial Manufacturing Co. Good looking top is of leather, is gold tooled around border. One drawer pulls out. Sides are of swirled mahogany veneer, base is mahogany. Place it in a bay window, flank it by a pair of chairs

- Sturdy five-drawer bureau in solid maple from Burns Case Goods of Jamestown. Extra dividend is secretary space in the second drawer. Flap comes down to make writing surface. Pigeonholes for stationery, bills, keep things in order

- New group of chest units from Kensington, Inc. Fronts of chests are shaped in gentle curves. Center unit has flat front, top drawer pulls out to reveal dressing space, cosmetic compartments. Square mirror lifts up

- New cherry end table by Consider H. Willett, maker of Golden Beryl maple and the Wildwood Cherry pieces. Nicoly detailed, table has a rimmed top, shelf for magazines, two handy drawers for such items as cards, score pads
- Bachelor chest in solid mahogany from Biggs Antique Company, left, is $34 \times 19$, is 34 inches high. \$152. Right, nested tables by Mersman Brothers. Top table is $161 / 2 \times 27$. is 26 inches high. Top has holly inlay around edge, is real mahogany. A three-in-one value



## 1OO GET NORR

## FOR YOUR MONEY

## IN TODAY'S FURNITURE

Furniture which you buy today costs you more money. Yet in spite of higher costs, you get more value per dollar out of furniture today than you did in pre-war years. Things have been happening in the furniture industry in the last seven years, have been happening because you, the customer, demanded it. Designers, stylers, researchers, engineers have been called into a field where they hardly existed before. Aside from the marvelous strides made in construction-electronic gluing and bonding of veneers, for instance-there is a great swing to multi-purpose furniture. Most of the pieces on these pages perform double functions, therefore give double value.



- Mahogany double dresser from the Mengel Company's new Gold Coast group; modern functionalism with 18th century styling. Dresser has famous Permanized construction. Price about $\$ 125$
- Simmons Hide-a-Bed comes in decorator fabrics. This handsome love seat deftly converts into three-quarter bed with luxurious innerspring mattress. $\$ 189.50$ to $\$ 279.50$ depending on upholstery
- This colorful dinette group was evolved by the Daystrom Corp. to satisfy demand for oval-shaped table. Table top available in brilliant colors, impervious to burns. Choirs in washable plastic


## THESE GIVE DOUBLE SERVICE...



- Dress-Away chest by Cavalier is perfect guest-room solution. Cedar-lined section for clothes storage, top drawer with mirror lid makes convenient dressing table

- Women, it seems, prefer oval-topped dinette sets. This table by Howell Co. is $30 \times 48$ closed, $30 \times 60$ with leaf inserted. Chairs are covered in DuPont plastic Fabrilite

- Desk top rests on two cabinets, expands from 54 to 80 inches. Cabinets may also be used as separate end tables. California Professional furniture by Karpen

how-in an ' ${ }^{\prime} 10^{\prime}$

By careful planning of space and furniture, Bob Hill has transformed a minuscule bedroom, formerly occupied by his young niece, into a comfortable bedroom-sitting room, actually gaining amazing storage facilities plus a comfortable place in which to relax and enjoy his books and radio away from the main rooms of the house. Decoration planned and supervised by Mary E. Monze


Photographs, F. M. Demarest

- All storage pieces of oak, custom-built for room. Pieces specified were large chest, bookcase combined with small drawers, and corner piece containing shelves for radio, books and magazines, with storage space at back for bedding. Mirror wall, Celaloom curtains hung from ceiling, and wall-to-wall carpet give illusion of space to this small room




wonderful high pink to give a lift to your spirits, warmth A to a cold bedroom. The stylish stripe is Everfast's Sharon, 36 inches wide, a glazed chintz. Here the floral columns are cut out, appliqued on plain fabric of matching pink to make a deep border on draw curtains, valance, a skirt for the slipper chair

Wweet floral stripe in shades of blue and wine in Kandell's D glazed chintz. Blossoms are neatly confined in borders, are easy to cut and applique. Applied in flat band edging top of quilted coverlet, gathered full for ruffling on the skirt, and pasted flat on lamp shade. Bed table is stool with plywood top



Perfect fabric for bedrooms-these

## columns of flowers. Use them for bordering,

for ruffling, for trimmings of all kinds


IIark green is base color for walls of this city bedroom. Stripe was deliberately used horizontally for modern effect. Floral bands bordered by green were cut from fabric, employed for valance, coverlet, pasted on mirror frame and lamp shades. Pattern is Weymouth, Golding Bros. Pageantry Everglaze chintz

Wwoosh bedroom built around Celanese Corporation's Clairanese Dattern of Taffeta Lace. Draped fabric is caught up at intervals around dressing-table skirt of gathered organdy, is repeated in valances over full white lace curtains. Swag conceals gingerbread top on mirror. Fine-feathered hats on pegs are part of decoration



# TEXAS COLONIAL-20 h Century Comllort 



If you would learn how to use antiques-study this house. There is enough noteworthy material in this house concerning Early American furniture, accessories and decorating to fill a book. Since it is such an excellent example of all that is good, we will concern ourselves primarily with an analysis and description of it, except for a brief sketch of the four charming people who were most intimately concerned with it from the beginning.

The house is owned by Mr. and Mrs. W. H. Chandler, Jr., and their daughter Carol. It is set well back from the street on a pleasant lane in a newer residential section of Dallas, Texas. The exterior of the house is of shell stone painted Williamsburg gray which is subtly contrasted with light-gray wood trim.
Bill and Suzy Chandler are a couple who found what they wanted. When and how they discovered their first antique is another story. Sufficient to say that they "got the bug" some years ago, decided they wanted a house furnished with all the charm of excellent old colonial pieces but, somehow, blended with all the comfort and convenience of twentieth-century living.

The house they bought themselves from its previous owner. The furnishings were acquired through the years with the advice and counsel of good friend Lila Adams Titley, member of the American Institute of Decorators. Mrs. Titley's fine knowledge and excellent taste have kept Bill and Suzy's standards high; as a result many of their pieces are actually of museum calibre, and they have the satisfaction of knowing that not a penny of money was badly invested, no time was wasted on "pseudo antiques" of dubious value.



Not a major piece of antique furniture in this house was acquired "for a song." Most were purchased for the Chandlers by decorator Titley through reliable sources, and they cost cold hard cash. But every one of -them would fetch more than the original purchase price in the current antiques market. It is nevertheless true that a few antiques of considerable merit were found by the Chandlers themselves and were actually repaired and refinished by Bill Chandler in his own workshop. Many of the accessories were tracked down by the owners. The majority of the braided and hooked rugs were made by Suzy Chandler. Other evidence of their handwork may be found throughout the house. But this is no "We Did It All for $\$ 50$ " story, though it has its overtones. It is instead a presentation of a beautiful job of collaboration between experienced decorator and clients who had the desire and the wherewithall to get what they wanted. By publishing it (and by your studying it), we can show you many fine points which should be of value to you, if this is the kind of house you would like to have.


- Fine swing-leg table behind sofa has well-proportioned cabriole legs ending in pad foot. Wood is maple, indicating it is colonial American form of Queen Anne prototype. Table was found covered with paint, hinge missing. Now is prize piece. Lowboy by wing chair is of magnificent curly maple
- Old fall-front desk holds lamp made from pewter candlestick. Gift from friend started collection of silhovettes which hangs above desk. Rug in living room was made by Mrs. Chandler. Oak chair at left of desk shows provincial Jacobean influence in back turnings, but pad foot dates it somewhat later
- Library was once two-car garage. Steps at right lead to dining room. On stair wall is rare 17th century Swiss chest with original painted designs somewhat faded but intact. Floor is brick laid in herringbone pattern, finished with brown wax. Flowers in foreground are contained in antique brass deed box

First of all accept the fact that the antique furnishings are worthy of your study. American Home's editors were actually in the house, carefully examined the furniture, and its quality is comparable to the finest you can find in any of the antiques markets, or in many museums for that matter.

Secondly, study the backgrounds: the document wallpapers, the pine walls, planked floors, beamed ceilings; the paint colors, the fabrics; the fireplaces, the bricked floor in the library. Though all these are modern materials of recent manufacture, they are authentic in feeling and form, and are in undistributed harmony with everything else in the house.

Third, give long and careful attention to the accessorizing of these rooms. There is a lesson to be learned here! By accessories we mean the myriad of small things-bibelots, pictures, lamps, ash trays, things of pewter, copper and brass-which take the sterile quality from rooms and give them life, character, personality. The furniture and accessory groupings are so good, so well arranged, that a camera can be pointed to almost any group in the house and achieve a study in composition, line, and balance.

The dining room (top, page 40) has a ceiling painted in a particular shade of blue-tinged red; the document wallpaper repeats the color and is printed in this country from antique French wood blocks. The table, chairs, and the cupboard filled with pewter are of oak--oak so old that it has a fine, black, smoky patina, is worn and waxed to a soft gleam. Pewter plates are often used for broiled steaks. That's Mrs. Chandler and the breakfast room beyond; you turn left into the kitchen and on into the big informal living-dining room at the back of the house.

The front living room (top right, page 40) has Wedgewood blue walls, draperies and wing chair in Egyptian cotton print. Rugs were made by Mrs. Chandler. Framed birds over the mantel were painstakingly formed of real feathers. The lowboy tucked behind the wing chair (top left, page ${ }^{41}$ ) is extremely fine, made of close-grained curly maple. Old picture above it is painted on glass in reverse. The tall clock keeps very good time.
Young Carol's bedroom (lower left, page 40) has an old maple tester bed. By the bed is a tiny near-twin for her favorite doll. Wallpaper is a


- Mrs. Chandler has extensive collection of onion-patterned Meissen, some of which is displayed in this corner cupboard at one end of large living-dining room. Piece is very early, made of pine, with interior painted same red as dining-room ceiling. Floors in room are hand-pegged. Walls are rough vertical pine boards in random widths which are finished with wax

- A tea set of unusual gaudy Welsh pattern rests on shelves of this ancient pine cabinet. Chair in corner is very early English yeoman's chair with splayed sides, probably ancestor or rough country version of wing chair. Identifying characteristics of Jacobean cricket table are the wood (oak), round top, three-legged base. Probably mid-17th century
typical small-scale print, has been varnished as of old. The library on the same page was originally the two-car garage. Walls are pine boards, the floor was laid in herringbone brick pattern, given two coats of brown wax, a clear coat of wax, and hours of rubbing. Seat and back of the winged love seat are upholstered with an old quilt.

The big living-dining room at the rear of the house (see picture and plan, page 39 ) is the hub of family life and entertaining. Steaks and chickens are often grilled in the huge fireplace. Some of the fine pieces in this room: the pine cupboard behind Mr . Chandler (see also page 42 ), the old wing chair, tavern table beside it, dough table, the set of bow-back chairs. Note particularly the collection of Americana in accessories.

Master bedroom (center picture, page 43) has the first antique acquired by the Chandlers: the button turned bed. The coverlet is blue and white needlework. Wing chair and window valances are of madder red homespun. All the furniture, excepting the wing chair, is antique.

Guest bedroom (bottom, page 43) ceiling and woodwork are painted Indian red; paper has tiny pattern of roses. The maple highboy opposite the bed is worth mention, as are the twin bow-back chairs and the dressing table. An old friendship quilt is used for bed coverlet.
Venetian blinds were omitted throughout the house; the bedrooms have window shades for privacy.

The Chandlers get and give a great deal of pleasure when they share their home with members of the Hobbies and Crafts Club, and other Dallas groups interested in antiques. Each year honor students of the decorating class of Southern Methodist University are invited over for a party. The big common room accommodates them easily, performs handsomely. The Chandler kitchen is examined in further detail elsewhere in this issue.


- In group at left of fireplace in big room is this old dough table of pine. Top is removable. Early settlers mixed bread dough in quantity in trough, sometimes covered table with old quilts to warm dough into rising before baking. Lamp base of pressed brass was once hanging lantern, has shade of Indian red book linen. Mortars and pestles are used as book ends





## Revere Quality House

Houston, Texas

## MacKie and Kamrath, architects



- Revere Quality House is as modern in detail as it is in plan. Opaque Ventaglass assures privacy, at the same time affording maximum ventilation through doors; car-port door slides'shut to form wall extension. In plan, outside entrance from garage through kitchen to bathroom makes it ideal for children, saves muddy footmarks in main house; flexible partitions make one room out of three

set-up of the house; under the copper roof is a blanket of rockwool insulation with Sheetrock as added protection against heat and cold. Eaves have sufficient overhang to exclude rays of the summer sun and also to allow windows to remain wide open even during sudden showers. For further comfort, a centrally located attic fan brings coolness in summer while winter chills are dissipated by a warm-air furnace, also in the attic, thermostatically controlled and connected by ducts to all rooms. Like other good housekeepers, Mrs. Kamrath wanted plenty of closet space. Fourteen closets add up to twenty-six lineal feet of storage.


Home of Mr. and Mrs. Henry H. Quayle
Wayne, Illinois
Montgomery Orr, architect

- The more conventional plan of the Quayle house should appeal to couples with active youngsters. There's plenty of room behind the split-rail fence for the small fry to play, away from the grazing horses in the next field. Rainy day activities may be pursued on the extra-large, screened-in living porch



Photographs by Nowell Ward

# Prepared for Bigger Things 

Though it's only four rooms now and plenty

## adequate for the Quayle family's needs,

there's room for future expansion on the second floor

- Mrs. Quayle with Bobby and Mary Jon seen before fireplace in the comfortable pine-paneled living room. In the foreground a red textured sofa faces a pair of green-and-white chintz lounge chairs which match the draperies at windows


RUTH W. LEE

IIhile the children are small, the four-room home of the Henry Quayles is more than adequate for their needs. In fact it was part of a definite plan since the owners are avid gardeners and riding enthusiasts and therefore didn't want to be burdened with a house any larger than necessary. But they realized that children will grow and take on new interests and more friends. That's why two rooms and bath were planned on the upper floor as part of the future expansion program. The stairway is already built, awaiting the day when growing pains are bound to occur.
Meantime, housekeeping is simple with two bedrooms, a combination living-dining room, kitchen, screened porch, and garage. There's much to recommend the house and its plan for a family with growing children. The pleasant exterior of toast-colored brick, combined with natural redwood and white shutters and trim, fits gracefully into the surrounding meadows. A split-rail fence gives the children protected play space while their horses roam and graze in the fields beyond. The large screened porch is located most conveniently for outdoor dining and living. Inside we find the same country-house charm. The pine-paneled living room with flush fireplace and enormous picture window is most informal and, more dear to the housekeeper's heart, proof against finger marks of the small fry. A small hallway leads to the two bedrooms; one now occupied by the two children with ample space for two beds, toys, play table and chests, and within easy earshot of the master bedroom. The large screened porch is at the other end of the house, and kitchen and utility room are both centrally located.


Otarted when building restriction confined a house to 15,000 square feet, this modern house actually did its expansion during erection because the maximum size was increased 500 square feet during that period. It is the home of a college professor and his wife, who is an expert weaver of modern rugs and fabrics. Therefore, one of the basic requirements was a well-lighted workshop. The two bedrooms were added to the plan during the course of building, although provision had been made at the very beginning. Several things had great bearing on the finished design-first of all, site and program. The plot slopes appreciably from the west and north; dense woodlands and a brook are on the latter exposure. The street of the one-acre lot is to the south; the magnificent view of New England hills to the west.

In order to capture this view, the entire west wall of the house is of glass; in the living room, the fixed sash actually reach from floor to ceiling. Since this room is not over-large and serves as both living and dining room, an attempt was made to achieve a feeling of space that was not actually there. In part, this was done by the large glass areas but, in reality, the greatest contributor to the effect was the use of a small lally column at the juncture of the west wall and the brick abutting wall with its high windows. The effect is really quite startling. The ceiling looks as if it were floating because, in extension, it also becomes the soffit of the wide exterior overhanging eaves. Fire-resisting materials have been used throughout the house. Its framing masonry and lally columns carry light steel beams and open-webbed steel joists. Extending from the fireplace wall at right angles is a brick cavity wall, the brick laid with header joints aligning and extending beyond the west house wall to form a wind-breaking buttress. Where brick is not used, the exterior walls are of vertical cypress siding, stained with a gray preservative. The clear pine trim is also gray.
meets challenge of New England weather variations
solar control, and summer cooling system on the roof


- Throughout the house the juxtaposition of heavy masonry and light framing was used for wind bracing and esthetic contrast. Red-birch plywood thus vies for focal interest in living room with modular brick wall pattern, and the insulating glass of sash


Photographs by Richard Garrison
E. H. and M. K. Hunter, architects


- House combats variations of New England climate by use of solid brick walls, large glass areas with heavy overhanging eaves for solar control. Roof is flat, built-up; eave flashing provides for one inch of water for summer cooling



## IIIAVII NODERTI <br> -RIGHT DOWN TO THE GROUND!

JANE FISHER


Photographs by Rociney McCay Morgan

|f you don't know Miami, Florida, and its environs, it may be difficult to visualize how the huge dredges suck up the bay-bottom sand and spew it out through long pipes to make new land. Will Rogers once said, "The dredge is the national emblem of Florida." The sand spreads, water drains off, and the sand "sweetens" in the sun for six months and, when bleached, resembles white icing on a cake. Topsoil is hauled in . . . streets made . . . sidewalks laid . . . homes built, and a new community is started almost before one
realizes that a whole new horizon has been created.
It was in just such a development that Mr. and Mrs. T. V. Moore, Jr., built their modern home. The wind swept over the new-made land. The sun beat down unmercifully on the glistening white sand. A typical Florida subdivision! But trees can be transplanted, grass and shrubs grow almost overnight, and from a bleak, ugly scene, an oasis magically springs. Nature gets a "new look" fast!
The Moores didn't shut out the sun and wind from their open living room, they controlled them
with ceiling-to-floor sliding glass doors and draperies. The ceiling of this room reveals the slant of the roof, and the lights are concealed in a box beneath three clerestory windows. The color scheme is cocoa brown and chartreuse, with accents of scarlet which may have been taken from the bright blooms of the hibiscus hedge seen from the living room. The fireplace perches-off the floor and almost in the middle of a wall of knotty pine. No, not wood, but knotty-pine wallpaper. All the other walls are plain chartreuse. The dra-

- The plant-filled partition pleasantly separates the living and dining areas of this spacious room. Clerestory windows and boxed lights provide ample soft light either day or night for the area across from the large sliding doors. A modern raised fireplace accents the simplicity of the rather high wall
- Two comfortable chairs and a cozy banquette insure convenient dining for four, with no person having to wrestle with a table leg. Prized china is displayed in shelves above banquette. Light from the sliding doors and overhead makes the area cheerful
- The guest room has three dusty-pink walls and one gray. Built-in storage is located on the gray wall which appears in the mirror. The gray appears again in the dressing table, and the dusty pink is repeated in the bedspreads. The upholstered frames for the window and mirror are very effective

peries at the streetside windows have an interesting chocolate print of blackamoors with white- and scarlet-banded turbans, on a background of cocoa. These can be drawn for night privacy, as can those over the sliding doors looking out to the terraced lawn, adding new interest to the room.

Separating the living area from the dining area in this large room, is a plant-filled, waist-high partition. There are bookshelves on the livingarea side of this partition, and closets and cabinets on the dining-area side. Part of the diningtable seating is provided by a banquette which is very comfortable, cozy and attractive.

On page 127 you see a view of the kitchen which is a honey-completely equipped with every convenience and a breakfast bar to boot! The latter can be used for off-the-counter snacks (from high stools with square, brown-leather tops), and is helpful also when serving a meal in the dining area. Sliding panels can be closed to shut off the view into the kitchen when entertaining formally.

Off the hall is the guest room, with walls of dusty pink and French gray. Built-in beds have cleverly upholstered, rounded backs and sides. This effect is repeated in frames around the windows and the mirror over the double dressing table between the beds. Dusty-pink ruffling edges the frame around the windows to relieve the severe line.

At the end of the hall is the large master bedroom. The lighting fixtures are concealed in the slanting ceiling and give the room a soft, diffused

## Look what you can do <br> with a new Rug and ${ }^{\text {s }} 166$

...thanks to Alexander Smith

Mrs. Clifford "Doc" Burden of Mt. Kisco, New York, tells how she did it . . . with the help of Clara Dudley,



Don't look at this picture too closely. It shows our living room the way it used to look. Our furnishings were stylish when we bought them, in 1924. Our rug was too small for this room. We "pieced out" with small rugs at each end. It did look cluttery.

Poor Sally Anne, our fifteen-year-old, longed for a prettier room to entertain in-the kind she saw in magazines. Looking at our living room through her eyes, Doc and I agreed we must fix it up. Doc is Athletic Director at Mt. Kisco High School-scoutmaster, junior vestryman and full-time father. He was as eager as I was to make our home attractive for Sally Anne's sake. We figured out how much we could spend. Obviously, what the room needed most was a new rug. So we went together to Crane's, our furniture store in Mt. Kisco.



Crane's had the perfect rug. . . a new Alexander Smith pattern, $12^{\prime} \times 21^{\prime}$; only $\$ 159.50$, or $\$ 33$ down and $\$ 11.50$ a month if we wanted terms! Mr. Crane told me Clara Dudley would give me a decorating plan, so I sent in her Workshop Questionnaire.


This is Clara Dudley in her workshop at Alexander Smith, with a sample of our rug, and the fabrics she suggested to carry out a color scheme from our rug up. She sent me fabric samples and paint samples, too, all in one tidy kit. Then we Burdens got to work.


Doc turned cabinet-maker, and enticed our 17-year-old radio ham, Dick, to help him. They made secretary into desk, two lamp stands from old tables, and re-built the bookshelves. Here, they're making a coffee-table top with the discarded secretary doors.


Here's Sally Anne on the green brush and Doc on the white. With Clara Dudley's plan, and the whole family helping, we changed that living room, fast!


What a day for Sally Anne when that rug came! Dick and Doc rolled it out even before our rug cushions were ready. It made the room friendlier.


This is all it cost us, and when we see how much a pretty living room means to Sally Anne, Doc and I agree it's as sound an investment as we ever made.


## "never knew

## venetian blinds could stay clean

 so long!Women are raving about this dream-come-true-venetian blinds that stay cleaner, longer! Thank Flexalum for that. Slats made of this amazing aluminum are curved, satin-smooth...dust and grit slide right off! So acrobatic, they bend wide apart for quick brush-ups, snap back into perfect shape! See your nearest Flexalum dealer... discover
how little Flexalum costs.

## the

seven wonders of

## venetian blinds custom-made of

1. So lightweight, a child can raise, lower. About one-third weight of steel or wood. 2. So flexible, slats snap back into shape, won't crease or break. 3. So durable, rust-proof, fire-resistant, chip-proof; not harmed by sun, rain, soapsuds, salt air. fumes. 4. So beautiful-14 handsome decorative colors. 5. So easy to clemn- stay clean longer, too! 6 . Perfectly designed to close tightly, easily regulate light. 7. Custom-made by reputable manufacturers only.


- Master-bedroom screened porch brings the outdoors inside. Bellplaited bedspread and green-leaf drapery design highlight the room
glow when in use. One wall is devoted to double closets and built-in chests of drawers. On either side of the oversized double bed, chests of drawers are used as night tables. The yellow bedspread and the dressing-table skirt are full bell plaited. A roomsized rug together with the green printed-leaf draperies offer happy, cool contrast to the gay butter-yellow ceiling.

Often the Moores breakfast on the tiny screened-in porch just off their bedroom. Sliding glass doors can quickly and easily close it off from the room. The delicately scrolled dark-green iron furniture with yellow cushions is most inviting and adds great cheer.

Off the living room is a large, open, screened porch, with an oversized Lazy Susan table and Mexican-made furniture against a white-painted brick wall. From the shade of the porch one looks out beneath an overhanging roof to the sunny terraced lawn. The terrace is in view of both porches and many rooms in the house.



ONLY WALLACE STERLING. . LIIKE FULL-FORMED SCULPTTURE . . HAS Morod Dineprosion Pencety

When a sculptor creates a statue he gives it "Third Dimension Beauty"... loveliness not only from the front but from every angle. When William S. Warren created these five Wallace Sterling designs, he gave them the "Third Dimension Beauty" of full-formed sculpture... beauty in front, beauty in profile, beauty in back.

Hold a piece of Wallace Sterling in your hand and turn it slowly around. You'll see that the pattern has beauty from every perspective...the "Third Dimension Beauty" found in no other sterling but Wallace. Before you select your silver, be sure to see Wallace's exquisite "Third Dimension Beauty" designs. Left to right: Grande Baroque, Sir Christopher, Grand Colonial, Stradivari, Rose Point. Six-piece place settings from $\$ 27$ to $\$ 35$, according to pattern.




WITH IDEAS

- Parking lot for kiddie cars: screen with
animals cut from kid's jungle book, pasted on

Jmmy! Young man, come here this instant and pick up these toys! I can't even break a trail through the living room anymore!
Does that sound like a command you might give? Are the children's toys always underfoot in your home? If they are, don't fret if they become too ubiquitous; instead, pick them up and put them to use. On the other hand, if your children are grown, why not bring their old toys down from the attic and relive some of their childhood moments as you see their doll furniture, story books and the like become a part of your decorating plan. You'll be delighted with the "young" air they will bring.

Almost every little girl acquires a tea set of dishes before she is even a candidate for kindergarten. She can have many a tea party with them, but later you can make them useful yourself. The bright little dishes add gaiety to an invalid's tray and will probably hold just what the doctor ordered. Or give the bridge club something else to talk about by placing

- Tiny teacups from little girl's tea set make gay ends for cords of Venetian blinds or window shades; or tie to end of kitchen light cord

- Flexible dolls made of colored wood spools or beads make unusual tiebacks for curtains. Try geraniums potted in discarded tin sand pails, water them with child's sprinkler



## Zanith Shatters all Previous Value Stanulards in'Thale Radios!

# - 

## THE NEW ZENITH "TOURNAMENT"

A masterpiece of smart modern styling, with new, exclusive Zenith "Consoltene" circuit for "big-console" tone, with improved Wavemagnet, Alnico-Dynamic Speaker specially built by Zenith, Flexo-Grip handle for carrying ease, illuminated " $Z$ " on-off indicator,
 rich Roman Gold trim. Walnut or black plastic cabinet, or white plastic cabinet at slight extra cost.

## THE NEW ZENITH "ZEPHYR" $\dagger$

A superb musical instrument of exceptional sensitivity. Super-powered for long-distance, highly selective performance. Extra-large Alnico-Dynamic Speaker specially built by Zenith. Exclusive Zenith "Consoltone" for big-set tone richness and volume. Improved Wavemagnet. Flexo-Grip handle for convenient carrying. Roman Gold trim. Walnut or black plastic cabinet, or white plastic cabinet at slight extra cost.


Models from $\$ 19.95$ to $\$ 675$. West Coast prices slightly higher. . . . Prices subject to change without notice.

## The New Zenith "Pacemaker"

## Now, with one great forward step in radionic

engineering and modern styling, Zenith wipes out all former ideas of what your dollar can buy in a table radio! The New Zenith "Pacemaker" is typical of this totally new conception in table ral just another model built to a price table radio value. Nor full-powered radio built to a price, but a full-toned, leader in its field. With adve the unquestioned quality that NO OTHER RADIO advanced and exclusive features including new, improv AT ANY PRICE can give youmethod of achieving "Consoltone," Zenith's exclusive volume; improved, excl $g$-console" tone richness and than a 50 -foot outside aerive Wavemagnet, more effective specially built by Zenith aerial; Alnico-Dynamic Speaker fidelity. And there's a note new power and tone Glamorous New Styling of of tomorrow in the No wonder Zenith chall its sparkling black plastic cabinet. Zenith dealer invites youges comparison! Your thrilling new enjoyment to come in and discover what yours with one of thent and convenience can be what any room in your home new Zenith table radios for you'll agree, no orher heme. hear, compare-and

## H10 PMPM furniture

## keyed to

## a note of friendly charm



Photograph by Paul Davis

Heywood-Wakefield Modern takes a knowing turn toward grace and charm that makes it pleasantly livable through the years. It is designed and fashioned with the attention to convenience and construction features you'd expect from a century-long background of fine furniture making. Because the designs are "Home Planned," you can buy today, knowing your future purchases will harmonize perfectly as you add them to bedroom, living room or dining room. Look-and ask-for Modern furniture with the Heywood-Wakefield emblem-in light toned "wheat" or "champagne" finish-at better furniture and department stores.


Gardner, Massachusetts


- Cut illustrations from Mother Goose book, mount them, ploce in oval frames, hang several from a wide blue ribbon on nursery wall
- Chest of drawers from set of doll's furniture can make silver chest for knives and forks. Line drawers with felt, or with velvet
- Don't discard a child's rocker; paint it brightly, keep it in the living room, on the porch, handy for tiny visitors who may attend
- At a bridge luncheon or on a convalescent's tray why not use doll's tiny sugar and creamer? Holds just enough for one cup
- When the children grow up and discard their blackboards, press them into service in the kitchen for grocery reminders and notes

Drowings by Edward Valz


- A discarded doll's cradle painted brightly and set by the fire can hold digest-size books or perhaps your kindling wood


Gulistan Renaissance in Willow about $\$ 14.50$ per sq. yd., higher in the West and South. Also in Cloud Grey, Ocean

Turquoise, Maraschino, Fernmist Green,
Majolica Rose, Barley Beige. Other lovely Gulistan weaves are $\$ 7.25$ per sq. yd., up.
"A real living room," says Tom Douglas, member of the American Institute of Decorators, "calls for beauty with comfort - which calls for distinguished carpet."
As in this Hollywood room, Gulistan Renaissance will bring new beauty, new luxury to your home. The brand new Renaissance design is more versatile than ever. How your guests will compliment the fascinating, thick-sculptured pile! And how marvelously more spacious the room will seem with one color - your color - flowing wall to wall. Your favorite store may have the new Renaissance today!

GUHISTAN


## Be Different, Be Gay - And Be Right ... with Pittsburgh COLOR

WVI ake up your old, tired-looking home! W Make every room in it glow with new life and beauty!
With Pittsburgh COLOR DYNAMICS you can dare to be different, be gay and still give every room exactly the colors that best suit its use and exposure to light and sun!

- Science has shown that color possesses energy. COLOR DYNAMICS makes use of the influence of this energy upon people. By using this painting system you can choose colors for your home that perk up your spirits, rest or relax you, actually add to the comfort and well-being of your whole family. .
- You can paint bright, sunny effects into cold, cheerless rooms. Bring cool relief into rooms that face the afternoon sun. Make small rooms seem spacious and airy. Give an air of friendliness to large rooms. With Pittsburgh COLOR DYNAMICS you can change the appearance of your house, emphasizing architectural features that are pleasing or subduing those that detract.
- Just as COLOR DYNAMICS brings out the best in your home you can make its benefits last longer by using Pittsburgh Paints. New Lead-Free SUN-PROOF House Paints retain their gleaming brightness longer than ever
before. Oil-base WALLHIDE covers nearly every wall surface thoroughly with one coat that can be washed repeatedly without streaking. FLORHIDE Enamels add long-lasting beauty to wood or cement floors and steps. W ATERSPAR Enamels are perfect for furniture and for woodwork and metal trim, inside or outside.

You'll find the whole interesting story of COLOR DYNAMICS in a new booklet which you can get from your Pittsburgh dealer. Or write for a FREE copy. Pittsburgh Plate Glass Co., Paint Div., Dept. AH-118, Pittsburgh, Pa.


This second group of plumbing questions shows importance of family needs and habits

WHAT ARE THE MEANS OF PROVIDING THE HOME HOT-WATER SUPPLY?

They can be divided into two basic groups, direct and indirect. The direct type includes those units which have the water heated from an original heat source. There are wood, coal, gas or oil units, some automatic, that heat the water for storage in a separate tank. Others are the instant heaters which require no tank and usually burn gas, and the complete units which are always automatic, consisting of a heating element and tank in one unit, and using gas, oil or electricity to provide the heat. The indirect types use the heat from hot water of the steam or hot-water boiler of home-heating system to warm domestic water supply, either with or without a separate storage tank. These basic items can be modified and supplemented to fit special needs.

HOW LARGE SHOULD HOT-WATER TANK BE?
ifferent answers to this question have been worked out and developed into simple rules, based on the size of the family, such as a 40 gallon unit for a family of four. Such rules are sometimes correct, but they can be very wrong.

Hot-water needs depend on family habits, as well as size, and can vary considerably for apparently similar situations. The tank size depends on the amount of hot water used and the unit speed of recovery.

WHAT FAMILY ACTIVITIES AFFECT THE HOT-WATER NEEDS?

The number of baths, use of laundry service or home laundry equipment, dishwashing methods and equipment, and number of bathrooms, will all affect the amount of hot water used. Typical quantities of water (gallons) that may be drawn are approximately: washing machine 15 to 36 , tub bath 12 , shower ro, home laundry (not washing machine) 7 per person. Those must be accurately checked for a proper study of each family's hot-water needs.

[^3]
## LET'S CALL THE Gold Bond APPLICATOR and insulate right now!

the tank. Thus, in a tank with a recovery rate of 40 gallons per hour, and the cold supply temperature 60 degrees, the unit can heat 40 gallons to 120 degrees in an hour.

IS the total volume of
WATER THAT THE HOT-WATER tank will hold usable?

1o. When a large quantity of hot water is drawn from a tank, cold water rushes in, mixes with and lowers the temperature of that portion of the heated water which is at or near the bottom of the tank when the withdrawal is started. For figuring the size of tank needed, it is best to assume that two-thirds of the volume is available at the tank temperature setting. Thus, for a total withdrawal of 20 gallons, a 30 gallon tank is needed for really satisfactory results.

HOW are these factors fitted toGETHER IN DETERMINING THE SIZE OF HOT-WATER UNIT TO BE USED?

Wirst study the family habits, workI ing out a timetable for baths, laundry, dishwashing, and other large uses of hot water. Starting with the assumed figures of 35 gallons for the tank capacity and 40 gallons per hour for recovery, or the actual figures for some particular tank that is being considered, subtract the amount of water used in the first withdrawal. Calculate how much water will be heated before the next batch of hot water is drawn. Add the recovery to what was left previously, repeat the figuring for the next withdrawal. Repeating this process through the complete day will show whether or not the tank always has adequate water heated for your needs. If the withdrawals at any time in the period studied are more than twothirds the amount of hot water that is ready, use the capacity of a larger tank as a basis and refigure the supply.

HOW HOT SHOULD THE WATER BE FOR BEST LAUNDRY RESULTS?

Adetailed study of this question has A indicated that the water at the point of washing laundry in a machine should be from 145 to 150 degrees (laundering by hand dictates a lower water temperature). Assuming a drop of 10 or 15 degrees due to the cooling effect of the materials to be laundered, a water temperature of approximately 160 degrees at the faucet is needed. There will be a drop in the water temperature due to the travel from the tank to the faucet, which will vary with the distance between these points. The tank setting will have to be still higher, depending,

## Warms the whole Room

 ..Even Adjoining Rooms!

## $\underset{F}{\text { miREPLACE }}$ <br> Circulates Heat!

The Heatilator Fireplace actually circulates heat. It warms the whole room and even adjoining rooms. Saves much of the heat that old-fashioned fireplaces waste up the chimney. Works like a warmair furnace: draws cool air from the room, ending chilly floors. Cuts weeks from the furnace season, dollars from fuel bills. Solves the heating problem in basement rooms.

## Will Not Smoke

The Heatilator Unit is a scientifically deaigned steel form around which the masonry for any style of fireplace is
easily laid. It assures proper construction, eliminating faults that commonly cause smoking. Saves labor and materials that largely offset the cost of the unit. Proved for 21 years all over America. Accept no substitutelook for the name Heatilator on the dome,
Ask your building material dealer, or write for illustrated folder to: HEATILATOR, INC 5211 E. Brighton Ave.

HEATILATOR FIREPLACE


Your family and friends will appreciate a gift that contributes to their safoty. To help them protect themselves against the everpresent danger of fire give Pyrene* Fire Extinguishers. Pyrene is safe, easy to use, non-damaging. It is pre-cision-made for surc protection. It is a thoughtful, distinctive, and useful gift . . . especially for anyone you cherish. At hardware home, auto, and farm supply stores.
${ }^{-T}$. M. Req. U. S. Pat. Off.


## PYRENE

## MANUFACTURING COMPANY

Newark 8 - New Jersey
Affilioted with C-O.Two Fire Equipment Compony


# Looks like a Console Radio, IIEATS a Room or a llouse 

Console heaters offer high heat output, require no duetworkare easily installed right where you need warmith most.
 Rheem Heating Consultant

You can comfortably heat one to five rooms all winter long with just one simple space-heating appliance. These handsome units sit on the floor like a console radio and circulate clean, even, quiet heat. Suppose you have a 5 -room bungalow and your dealer recommends a quality gas console like the Rheem. He'll determine the number of cubic feet to be heated, along with other factors. And he'll figure the most efficient location of the console for proper distribution of heat. Then, wherever it is placed, it will quickly provide snug comfort throughout your house.

## Burns Any Type Gas

Console heaters require a minimum of installation work. No more than $26^{\prime \prime}$ wide and $34^{\prime \prime}$ tall, the Rheem takes up little room, needs only a gas inlet pipe, and it can be installed with or without a vent.

It will burn manufactured, mixed, natural or "bottled" gas.

A good make demands no maintenance. Fully approved by the American Gas Association, the Rheem is made of steel and is seam-welded for safe, gas-tight operation. A pilot eliminates hand lighting, and an optional living room thermostat control is available to make it completely automatic.

## For Dil Fuels, Too

If you prefer oil heating, you will enjoy


Oil Console a clean burning, fully automatic oil console. The Rheem has a contoured, welded-steel heat exchanger which prevents noise, smoke and fumes. It can be fed from main storage tank, or from a fuel compartment attached to the back of the heater. You can even buy it equipped with a humidifier, and a fan for accelerating circulation of heat.

Consoles are being used either as auxiliary heat for that "cold" room or as a complete heating source for an entire
house. Be sure to have your dealer carefully calculate the exact size and type you should have. And be sure to get a fully guaranteed, nationally advertised brand such as Rheem. Both these precautions will keep your family warm for many winters to come.


[^4] Sydney, Rio de Janeiro, Singapore, and Hamilton, Conada.


## BEAUTY THAT'S STORMPROOF

## Locked down against wind and weather...

- Did you ever hear of shingles that interweave and interlock? Ruberoid DublCoverage Tite-Ons do! Their unique, patented design assures years of extra protection as well as unusual beauty.

Dubl-Coverage Tite-Ons interweave to make two complete thicknesses over the entire roof (three thicknesses at vital points). They interlock to form a virtually "one-piece" roof-so firmly anchored that even 120 -mile-per-hour hurricanes have failed to blow them up or tear them loose!

Shingles built to take storms like these can withstand almost any punishment. That's why, if you want the most roof protection for your money, it pays to buy Ruberoid Tite-Ons. See them today at your local Ruberoid dealer, or write us for a free illustrated booklet.
of course, on each particular situation and possibly as high as 170 degrees

WHAT WATER TEMPERATURE IS NECESSARY FOR OPERATION OF AN AUTOMATIC DISHWASHER?

PTor best results the water should be at 160 degrees during the actual washing operation. Allowing for the cooling effect of the dishes, and the loss of heat in the run from the tank to the washer, it is usually necessary to have the water tank set for at least 180 degrees. Since this is somewhat above the temperature necessary for laundry and other household hotwater uses, and is also above the best temperature for operation of the water heaters, a booster tank for the dishwashing water is excellent.

WHICH IS THE
BEST FUEL FOR WATER HEATERS?

Flor automatic units, the choice boils down to which is cheapest in any particular neighborhood, a comparison that can only be made on a basis of local unit prices. Electricity, oil, and gas are all excellent. Coal and wood are the most economical fuels, but they cannot be automatic. However, safety control can be effected by thermostat damper operation.

## What have been the

Latest developments
in water-heating units?

The Secret is in the Design
Concealed interlocking firmly links these shingles into a "one-piece" roof having two thicknesses throughout. In addition, hidden nails securely hold each shingle in four places. There are no metal strips, holding gadgets or exposed nails to rust away.


1side from the corrosion-resistant features mentioned last month, the manufacturers are improving the efficiency of heating elements, and the appearance of the units. An attractive tank can be placed in a basement recreation room without being an eyesore, or it can be in the kitchen without being obnoxious. A number of manufacturers have kitchen models that can be used as a counter for

## DUBL-COVERAGE TITE-ON SHINGLES

## The RUBEROID Co.

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Executive Offices: 500 Fifth Avenue, New York 18, N. Y.

## "MORE YEARS FOR YOUR DOLLAR WITH RUBEROID"

For over half a century The RUBEROID Co, has been serving America's homes, farms and industries, pioneering in the development and manufacture of quality building materials - Asphalt and Asbestos Roofings and Sidings, Built-up Roofs and Waterproofing Materials, Industrial Insulations and Pipe Coverings, Protective Cements and Coatings. Twelve strategically located modern plants -thousands of dealers to serve you. work space, and have short runs from the tank to the faucets which will reduce the heat loss and waste less water than long pipe runs will.

IS IT ADVISABLE AT TIMES
TO USE TWO SMALL HOT-WATER tanks instead of one large unit?

In a home that requires a really large supply of hot water, the best service can be obtained by using two tanks instead of one. The initial cost for the equipment and installation will be somewhat greater, but the cost of operation will not be increased at all. In fact, the operation cost can be reduced somewhat, by placing the two

## You Can Have BEAUTIFUL HOME EXTERIORS At Low Cost

THIS
FREE
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TELLS
YOU
HOW

If you're planning to build, buy or remodel a home, write fer a free copy of the new booklet-"How To Get Attractive Home Exteriors At Low Cost". It gives you sound, practical reasons why steel-reinforced stucco offers you a unique combination of beauty, durability and economy. Shows you, with beautiful architectural drawings, the popular home designs that architects themselves think are most appropriate for stucco, such as Ranch-Type, Cape Cod, Colonial, etc.
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## Invizie says:

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Opening and closing windows is as easy as ABC, and noiseless too,
balance with "Invizie" (the new, CONCEALED modern Grand Rapids Invizible Sash Balance) on the job. Completely concealed in the sash itself, this ingenious mechanical device does practically all the work in opening and closing double-hung windows. No cables, tapes or exposed tubes. Easy to install and moderate in price, they're the most practical balance for all doublehung windows.
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for over 50 years
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## PERMUTIIT

* Permutit gives you soft water from hot and cold faucets all the time!
* Permutit has automatic, electrical controls! Just flip a switch to regenerate!
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some desirable franchises available
tanks so that they are close to the bathroom, kitchen or laundry where the hot water is used, thus wasting less water before the hot water flows from the faucet, and losing less heat in the pipes since there will be less hot water sitting there between uses of the supply. One tank could be near the bathroom, and another could be of the counter type in the kitchen. The bathroom hot water could be kept at the comparatively low temperature of 125 degrees so that children would not be accidentally scalded, and the kitchen supply can be kept at the high temperature that is best for laundry and dishwashing.

WITH AN AUTOMATIC
washing machine, is it necessary TO HAVE A LAUNDRY TRAY?

Wot for the washing operation. But Ifor starching, bleaching or special treatment the tray is most desirable. Of course, the double laundry tray is necessary for use with the conventional washing machine which does not rinse the wash automatically

WHAT SPECIAL PLUMBING
CONNECTIONS ARE NECESSARY
FOR A WASHING MACHINE?

The water supply and drain can be 1 handled by an adjacent laundry tray, but it is much more convenient to have a direct supply and drain for the machine, especially with an automatic washing machine. When having the plumbing work done on a new home, it is a good idea to include piping for the supply and drain of any future automatic washer. These connections can be capped or used for a conventional washing machine.

## ARE DOUBLE KITCHEN <br> SINKS DESIRABLE?

The double sink is especially necesIsary for convenient dishwashing when there is no dishwasher used and when there is no drainboard which can be used for spraying the cleaned dishes. The second sink also is very convenient for preparation of food and occasional small laundry work of one or two items that doesn't warrant the use of a washing machine or the laundry trays and other equipment.

## What features

CAN BE HAD ON MODERN SINKS?

The sinks can be of the flat rim I type for use with linoleum or other flat counter-tops. They are also available with integral drainboards for use with or without cabinets.


Do wintry drafts whistle through your windows and doors? They're downright uncomfortable, unhealthy, usually carry dirt, rain, soot and dust right into your rooms. Chamberlin Rustproof Metal Weather Strips seal out unwelcome drafts, bring you genuine comfort, big winter fuel savings!

## CHAMBERLIN FACTORY-TRAINED EXPERTS

 INSTALL THEM THE RIGHT WAY!Chamberlin-trained craftsmen carefully fit weather strips into doors and windows. Windows operate far more easily $\ldots$ and big winter fuel savings pay for the job in 3 to 5 winters! Terms available. Phone me . . . your Chamberlin Man . . . now, (see phone book) for your free home survey.
FREE BOOK! Gives facts, figures on savings, greater comfort, the Chamberlin Way! Write today: Chamberlin Co. of America, Dept. 51, 1254 LaBrosse St., Detroit 26, Michigan.
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## Hoppoint Makes Whater-Heater History Hithit Sensational MAGICCIRCLEHENT!

troducesPressurized Calrod* Units To Make Possible Safest, Most Economical And Dependable Hot-Water Service Ever Offered!
Water Temperature Is ControlledAutomatically. You Can Store Hot Water For Three Days Without Reheating.


IGHT MODRL, ranging from 15 to 82 gals. capacity. The 30 - and 40 gal. table top models are matched units of Hotpoint's Electric Kitchen.

HERE is a radically new 14 and different water heater! Using the Magic Circle Heat of pressurized Calrod* Units, this amazing Hotpoint appliance is unsurpassed for safety, economy, and reliability. A new, super-sensitive thermostat keeps water temperature constant and minimizes use of electricity. The heavy-duty tank, thickly insulated with Fiberglas *, can store hot water for three whole days without reheating! There's a model for every need. See your dealer. hotpoint inc. (A General Electric Affiliate), CHICAGO

New!
Everybodys Pointing To
Everybodys Poining to You lo-year totpoint Electric Water Heaters
Pres. U. S. Pat, ort.

Stainless metal and porcelainenameled cast iron and steel sinks can be had. In the porcelain-enameled units, there is a standard good quality which is customarily used, and manufacturers make acid-resistant units, which can be had for very little more cost than the standard quality. The extra stain resistance is particularly desirable since the acids of fruits and vegetables will often stain the standard quality enamel quite badly.

Many sinks have a spray attachment, or a plugged opening in which a spray can be installed in the future.
The drain should be at least $3^{1 / 2}$ inches in diameter to permit the use of a garbage disposer. Some manufacturers make complete sink unitsa single bowl sink with a garbage disposal unit and a dishwasher.

What is A garbage disposer?

It is an electrically operated appliI ance which is located between the sink drain and the trap to shred the garbage and flush it out through the sewage pipes. Such a unit can be installed in any sink that has a drain opening that is at least $3^{1 / 2}$ inches wide, and it involves no additional plumbing. Before purchasing such a unit, it is wise to check the local ordinances since some localities do not permit the use of this sort of equipment for garbage disposal.

CAN A GARBAGE DISPOSER BE USED
WHERE THE SEWAGE IS HANDLED BY
A SEPTIC TANK OR CESSPOOL?

Ves. However, the fact that there I is more solid material run down the drain than normally will accelerate the filling of the tank or pool, resulting in a need for more frequent cleaning. The tank should have a minimum capacity of 500 gallons, and the drain lines should have a steeper pitch than the accepted minimum. Additional cleaning will not be serious, unless the tank or pool is really too small for normal requirements of the house in the first place.

[^5]$T_{n}$here are portable units which need Ino special plumbing connections, using the sink water supply and drain, and automatic models that require their own plumbing connections. The automatic units can be had in cabinets that may be located anywhere in the kitchen, and are also available unmounted, so that they can be built into existing or new base cabinets, in the counter top or front. Dishwashers use hotter water than any other


## Power King

## 4½" JOINTER-PLANER

Now you can add distinction and charm to your home and its furnishings at low cost - and enjoy every minute of it! Build cabinets, cupboards, tables, bookcases to suit your own decorating tastes ... with a Power King Jointer-Planer for fast, accurate, "professional" help.

This Power King tool planes $41 / 2^{\prime \prime}$ wide at a time - makes a glass-smooth surface . . . cuts bevels . . . rabbets . . . saves you hours of work and does a far better job than hand methods. See it at your dealers. Send for complete catalog showing all the low-cost Power King tools.
ATLAS PRESS CO.


- Wrapping Christmas packages-dries transparent, makes a neat, invisible glue line!
- Making paper and cardboard models for under the tree-glue sets fast, makes strong bond!
- Other uses-making Christmas cards, applying "snow" to ornaments and scenery, repairing toys, making table and room decorations and fancy gift boxes!


## 2.Build Children's Christmas

## toys, yourself!

## PONY RIDE ROCKER

Make it yourselfit's easy!


With step-by-step directions and assembly illustrations, you just trace, saw, and assemble with Easi-Bild* Full-Size Patterns! Get pattern No. 53 from your hardware dealer or send 35 e to: Casco Pattern Dept. AH-118, P. O. Box 215, Pleasantville, N. Y. Also send for free folder illustrating 100 patterns, including toy patterns.

THE BORDEN CO. CHEMICAL DIVIIION
Makers of Casco Glues


You'll love these new Stanley Solid Brass Cabinet Door and Drawer Pulls. They are finished in either gleaming, lustrous brass or chromium. Finishes are permanent-will retain their beauty.

You'll love their beautiful simplicity of design, too-trim, modern, practical, right for any room in any home. Your hardware dealer will be pleased to show you these new Pulls and Knobs. They'll bring an extra touch of beauty to your home. The Stanley Works, Cabinet Hardware Department, New Britain, Conn.

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> hardware - hand toots
> ELECTRIC TOOLS - STEEL STRAPPING
aousekeeping operations require, but they don't use more water than most manual techniques; in fact, less than many that are in common use.

IS THERE MUCH CHOICE IN designs of kitchen and Laundry VALVES AND FAUCETS?

1in the bathroom faucets, the materials are usually brass with chromium finish for the kitchen. The designs have not been changed to include any radical features, however, there is continuous development, and there is some difference in quality. The better quality equipment has easier operation of the valves and longer life for the washers and valve seats. Some faucets can be fitted with attachments to reduce splash and add air to the water for easier washing. In many models the lines have been made more modern. Mixing valves are most frequently used, with a swinging spout to reach most of a single sink or into both parts of a double sink. These can all be had for installation in the counter top behind the bowl or directly in the sink itself, depending on the type sink used. The valve handles are metal, finished like the rest of the unit, rather than china which is subject to breakage.

Laundry faucets are also brass, but can be had with a rough brass or nickel finish as well as a smooth chromium finish. They can be separate valves or the mixing type with a swinging spout to serve two adjacent laundry trays. They can be threaded so that the washing machine or garden hose can be connected securely and easily when needed.
Sprays can be installed at the kitchen sink for rinsing dishes. These can be had as part of the faucet set: There are also attachments which mix soap or a detergent with the water as it comes from the spray, thus easing the hand-dishwashing chore.

Where can literature be obtained FOR FURTHER DISCUSSION OF THESE AND OTHER PLUMBING PROBLEMS?

Interesting booklets on the subject l can be obtained from the Plumbing and Heating Industries Bureau, 35 East Wacker Drive, Chicago I, Illinois, and from many manufacturers of plumbing fixtures and equipment. Numerous circulars and bulletins are available for a small charge from the Small Homes Council, Mumford House, University of Illinois, Urbana, Illinois; and the Superintendent of Documents, U. S. Government Printing Office, Washington 25 , D. C. Those from the latter source are prepared by the U. S. Department of Agriculture as Farmers Bulletins, and by numerous other government agencies that are interested in housing and home problems.


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Be sure, too, that you choose many-layer kimsus* insulation. You'll enjoy more comfort than you ever imagined! For kimsul provides lasting protection against the extremes of winter's cold and summer's heat. What's more, it pays for itself out of fuel savings. Installed in walls and ceiling of your new home, kimsur may save up to $44 \%$ on fuel. Installed in the attic of your present home, it may cut your fuel bill as much as $1 / 3$.

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 we got luxury without extravagance""It's one thing to have grand ideas, but quite another to make them fit your purse. Because we always wanted a super-super bathroom, we chose Eljer Fixtures . . . and that's how we got luxury without extravagance."

Investing in dependable, quality bathroom fixtures is not an extravagance. You expect them to last a long time... even a lifetime. That is why more and more homeowners are choosing Eljer. The bathtubs, for example, have a rugged, rigid, cast-iron base that makes possible a smooth, extra-thick coating of glass-like enamel that stays sparkling clean with the swish of a damp cloth. And, Eljer Vitreous China Fixtures just naturally resist stains and the effect of all ordinary acids . . . because they are real china.

For beautiful Eljer Fixtures in white or pastel shades, see your plumbing contractor or write Eljer Co., Box 192, Ford City, Pennsylvania.


What is real vitreous china?
Eljer Vitreous China is similar in texture to the finest table china... but with added toughness to withstand severe use over the years. Fired at more than $2000^{\circ}$ F., the glass-like surface actually becomes a part of the base. The colors cannot fade.

- Make a sharp incision with the point of your knife.

Remember that you want the operation to be as inconspicuous as possible when finished. Diagnose the condition; check the amount and quality of the linoleum paste that was originally used


ALDEN STAHR

## IT'S EASY TO FIX

# Linoleum Bulges ! 

IIn our last home, the kitchen linoleum had the irritating habit of developing bubbles and blisters. What caused this condition is something that even today I don't understand, although leading linoleum manufacturers tell us that craftmanship and the right kind of paste are as important as the quality of the linoleum itself. I'm sure that this decision is true, and that someone had failed in his job when the linoleum at our house, especially that near the sink on the kitchen counter, was first laid. The fact remains that such conditions do exist, and I have discovered a simple and effective method for remedying them. The materials needed will be found in any well-equipped hom:. First you'll need a sharp knife, an eye dropper, a heavy weight and, of course, a good grade of linoleum paste. This latter may be purchased at any hardware store, or you can make your own if you desire. I'd rely on the packaged material since it is simpler and very


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- If investigation shows sufficient dried-out paste, insert eye dropper filled with warm water under linoleum and soften paste. Work linoleum up and down with fingers before pressing

- A flat board, a broadboard is fine for job, placed over repair and held down by a heavy weight overnight, is sufficient to hold linoleum permanently

inexpensive. Buy a small amount at a time. Remember that a little goes a long way. First check for all sorts of bulges, large and small, for you might as well tackle them all at one time while you're in the repair mood. Then stick the knife blade into the middle of each bulge so that the point of an eye dropper may be inserted. Squeeze in enough water, preferably warm water, under the linoleum in order to soften the dried paste. Now work the linoleum down against it with your fingers. Let me inject a word of caution that will insure satisfactory results the first time. If you have any doubt about the quality of the paste that was originally used, or suspect that the bubble is due to the use of insufficient paste initially, I'd skip the warm water routine and insert a good buttering of fresh top-quality paste. This can be done with a nar-row-bladed knife. After the paste has been properly softened or replenished, place a flat, smooth board on top of the repaired bulge and leave a heavy weight on top of the board for a few hours or overnight.
For those who want to make their cement, here's a recipe for linoleum paste that I've found most reliable. Dry mix 1 oz. iron oxide, 3 oz. dextrin and I oz, kaolin (dry clay) and then add just enough water to make a thick gooey paste. Since the finished job must be as inconspicuous as possible, it is very important that a really sharp knife be used for cutting.

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Presenting the
Beautiful New
PIE CRUST Shape in SBlue Ridge
The Southern Camellia pattern (No. 3919) shown here is one of fifteen in the PIE CRUST shape. All BLUE RIDGE dinnerware is Hand Painted Under the Glaze. The vibrant colors are sealed in by a sparkling clear glaze which assures a lifetime of


MARTIN and
ALDEN STAHR
Wlooring and baseboards shrink for I some time after a house is built, even when well seasoned and kiln dried. They also shrink and expand with changes in atmospheric dampness. If the molding is nailed to the baseboard, a gap will result between it and the floor. When nailed to the floor, base and molding will part.

To remedy this condition, pry the molding loose with a chisel or pinch bar, and remove the nails, being careful to avoid damaging it. The base


Wrong

and floor should be painted or finished all the way. Then replace the molding, using 8 d or rod finishing nails that go between the base and floor for a hold in the beam or underfloor. Set and putty the nails, and paint the molding. Subsequent shrinkage or expansion will not move the molding, and the base and floor can move, showing no bare wood when it comes out from under the molding.


You'll find these beautiful homespuntextured throws so useful in so many ways! Add beauty and color when used on divans or armchairs, serve as spreads for single beds or day beds, utility auto robes, or picnic throws, size $60^{\prime \prime} \times 108^{\prime \prime}$. Can be split to make matching draperies. See them at your dealers!
"Interiors Beautiful" offers belpful decorating bints. Send 25 c (stamps or coin) to 1320 McHenry, Louisville
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I ALWAYS WANTED

Little girls like Clyte take to it because
 that seemed exactly rightwith ample room for moving the furniture back and forth-so finally I designed one to suit myself. It was fun to make and gave me many happy hours.

For those parents or children who want to make a dollhouse just like mine, here are the instructions. Start with a simple, unfinished bookcase. The "credenza" type is just right, I think, for the rooms are already there, with shelves forming the floors and partitions making the walls. The little "balconies" at each end are perfect for small easy-to-reach rooms. If some

Pieces from the New Hampton Court Group

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Naturally, you want fine furniture for your dining room. a splendid choice is New Hampton Court by Drexel. For this collection adapts readily to an apartment in town, in fact, brings country house charm to your home in the city.

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See New Hampton Court now at leading furniture and department stores. Look for the "by Drexel" seal - brandmark of superior craftsmanship.

Write today for booklets: "Traditional" 26 pages - 10 c in coin only; "Precedent" -27 pages in full color of Drexel's new modern furniture - $25 c$ in coin only. Address: 1472 Huffman Road, Drexel, N. C.

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Owning an Estey Junior opens new heights of musical enjoyment for the entire family. You'll thrill at its performance . . . find its 4 -octave range thoroughly adequate for all average compositions
. , and join the many other music lovers who pile up hour on hour of pleasure around the Esteys in their homes.

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of the center rooms seem too large, it is a simple matter to divide them into smaller rooms with partitions cut from a piece of plywood. When making these partitions, cut out doors so that doll inhabitants can move freely from room to room. Clyte, a little girl who's just turned three, thinks these doors are one of the nicest features of the house.

Wallpaper samples or leftovers from a papering job in your own home, or even pretty gift-wrapping paper, may be used for wall coverings. Let your imagination run wild as you paper ceilings, perhaps paint one or two walls in a room and paper the others. The bedrooms, in particular, should always be papered. Try to make a good color job of whatever decorating you do.
For make-believe wood flooring, I used wood-grain wallpaper and coated fabric which has beautiful wood grains. In some of the rooms, such as the kitchen and bathroom, this coated fabric was used on the walls and ceiling. Samples or scraps of linoleum make wonderful floor coverings, especially in the bathroom and kitchen. Naturally, there must be carpeting in some of the rooms. Regular floor carpeting is too thick for such small rooms, so use wool felt, which can be purchased in lengths less than a yard. Cement felt to the floors with rubber cement so that it can be removed when necessary.
Plastic furniture, available either by the piece or in sets, can be arranged as you wish. This furniture, easy-to-clean and practically unbreakable, is beautifully designed and comes in colors to suit your taste.

In effective furnace for the basement A can be made from the cardboard center of a roll of wax paper or paper towels. Cut this cylinder in half and paint it black. A tin can, coated with paint, is another possibility for the furnace, and a smaller size can will represent a hot-water heater.

The top of the bookcase will make a wonderful roof deck if it's painted a dark shade of green, and to make it more fun, you can lay out a tiny tennis court with strips of adhesivebacked tape. What little girl's doll wouldn't enjoy a lazy sun bath or a round of tennis up there on the roof? The best thing about this dollhouse is that it's always ready to be played with-no turning it around to get at the furniture and no sides to take off and put on again. The furniture can be reached easily and rearranged without knocking over individual pieces.
When the little girl grows up and is no longer interested in dollhouses, the furniture can be packed away for future generations. Now, with a solidcolor paint job, the dollhouse reverts to its original role and becomes a proper bookcase for a teen-age girl's room (a feature that will especially please Mother and Dad!). There is no storage problem; the bookcase has lived a double life and afforded a growing child many hours of play.


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## NOVEM B円R

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## FROM YOUR OWN GARDEN

IIhat are gardeners doing these days? With harvests in, and memories of past trials and triumphs fresh in their minds, they may be resting on well-deserved laurels. But more probably they are tucking bulbs into beds and odd corners and completing their fallplanting programs. These (if they are wise gardeners) will include provision for a variety of easy-to-grow plants from which they can obtain long-lasting material with which to brighten the indoors in November. We illustrate just such a gay red, white, and green arrangement, in which the cheerful scarlet berries of Nandina domestica (otherwise heavenly-bamboo) show up against the shining green of rhododendron leaves. For further contrast there are the shimmering disks of Lunaria (alias honesty, money, silver-penny, and satin-flower) and pale green, parchment-like pods of the ground-cherry, or husk- or straw-berry-tomato (Physalis pruinosa), which were gathered in the summer and put away for winter use. The white basket-weave bowl and green china birds harmonize with, not only the plant material, but also the soft tones and antique quality of the mahogany table, the old-fashioned wallpaper, and the heirloom sampler in its place of honor on the wall.
*Nov. 7 to 14 is "National Flower Week." Ask your local florist what that means; or address S.A.F., 326 West Madison St., Chicago.


Give a dignified clock with simple lines - the Seth Thomas* Baxter, right for bookcase, table, desk or mantel. Beautiful mahogany case with brass sidepieces, sash and base. Self-starting electric. Height $41 / 4$ in. Width $81 / 2 \mathrm{in}$. \$29.75

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## WEDGWOOD



## November Nitwit

Frames Sinifith

0ne's friends and neighbors are usually the first to laugh at, and the last to believe in, one's ideas if the latter happen to be unusual, unorthodox, and/or original.
Undoubtedly a good many other New Englanders have planted seeds in the open ground in November. So the practice is not exactly an original idea. But it is an unusual one, and certainly it looked unorthodox early that bleak November morning for me to be hurriedly poking some leftover climbing peas into the cold ground along the garden fence, scattering the season's remnants of lettue, winter radish and kale seed, and covering the ground with straw. Passing neighbors honked loudly, jeered raucously, and made crude wisecracks to the effect that I must be hard up for something to do.

As a matter of fact, I had more to do than just the seed-sowing. For having planned to leave the parsnips in the ground all winter, I gave them an additional bit of straw mulch to help them through the coming monthswhich really can be rough in Rhode Island. The chard was still green and vigorous, as were the collards so, rather than uproot and throw them away or disc them under, I cut them back almost to the ground and corcred them, too, with straw. Then, bestowing a final blessing on the garden, I went away- 3,000 miles away in fact-for the winter.
For three months letters from home were filled almost exclusively with weather woe. Not the ordinary conversation pieces, either, but horror tales of record-breaking blizzards, continuing ice storms, and bitter cold. Sorrowing for my seeds in their distant and difficult circumstances, I could only hope that the blanket of "poor man's manure" would prove a protection and an asset commensurate with its abundance and long duration.
And lo, when I returned home about the last of March, the row of green parsnip tops was a cheerful and encouraging contrast to its gray, wintry surroundings. Also, I was delighted to find tiny green lettuce leaves pushing up beneath their straw covering. Peeking gingerly under the mulch spread along the fence, I found that the peas had already attained several inches of growth; a slightly anemic, blanched growth, to be sure, but one which quickly responded to the effect


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AND ACCESSORIES

THE AMERICAN HOME, NOVEMBER, 1948
of sunlight and air when the straw was removed, soon taking on a healthy, deep, rich, green hue. In due course, the lusty vines bore a crop that was the envy of my erstwhile jeering neighbors. You see, owing to a torrentially wet spring, they had been unable to get their peas started in time for the plants to beat the heat which, when it finally came, arrived with sizzling suddenness and intensity. The same skeptics gratefully accepted all donations of tender, crisp, curly lettuce, murmuring something about the beneficent effect of fresh green-stuff on winter-weary eyes and palates.

The success of the kale was no great surprise, since it is notoriously hardy. But remembering a certain party's scornful dictum that "nobody but nobody ate kale," it was amusing to hear his tentative and doubtful thanks for some I gave him, and, later, his enthusiastic admission that "the stuff does taste pretty good in the spring, doesn't it?"

The Swiss chard provided several delicious cuttings before deciding that it was working overtime. And the collards, on their borrowed time, were far more succulent after a winter out of doors than they ever had been under normal conditions and management. They were so plentiful that I could afford to be generous-and a good thing, too. For my fellow gardeners who had refused to even try "those southern greens" the previous summer, accepted and ate them with relish. Whether it was due to the improved flavor of the tenderized leaves, or to the novelty and pleasure of eating the season's first fresh greens so early, I couldn't be sure.

1nd as to those parsnips, the green leaves that greeted me were not new, spring growth, but just what I had left there and covered up in the fall. Apparently it had passed the winter in a state of suspended animation. I pulled the roots promptly, kept them in a cool place, and consumed them before they could make any appreciable new growth. Hence their food value was unimpaired and, of course, the wintering-over had greatly enhanced their flavor. I must, however, note an exception: A few of the parsnip roots did wither before we got around to eating them, so I threw them into a pile of odds and ends waiting to be composted-and forgot them. A few weeks later, they were towering above the heap and starting to form blossoms. I rescued them, along with the potential compost they were growing in, stuck them in a big flower pot, and stood it on the porch where, very shortly, the big heads of yellow flowers burst into bloom. Very effective they were!

Well, whatever their reasons, and whatever their trains of thought, they have been developing-and accepting -some strange ideas, those neighbors of mine. They have even been talking about deliberately planting some seeds of their own this November!


## How Mrany and Sput a theann in ous living noome...

When we heard the organ in the hush of the moonlight, we stopped to listen.

The music spoke to us in whispers, then swelled to the full voice of a great organ. A deep-throated cello blended to subtle suggestions of woodwinds and brasses.

But, we remembered that our friends expected us. We rang the bell and stepped into their living room. The first thing we saw was their Hammond Organ. That was the surprise they had promised us. George - who can't play a piano any better than I can-had been making that marvelous music we'd heard.
"George," I gasped. "Where did you learn to play like that?"
"I didn't have to, Dave," he grinned. "You see...

## "If you can play the piano,

 you can play the Hammond Organ!""IF I could afford it," I added wistfully.
"You can, Dave," George told me, "our Hammond Organ didn't cost us any more than most fine pianos."
Later, we visited our dealer who confirmed what George had said about price. He told us, too, that a large room or special installation wasn't necessary, that you just plug it in and play, that the Hammond Organ is the only organ in the world that never needs tuning. We were ready to place our order almost before we heard all the details.
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See, hear, and play the Hammond Organ at your dealer's. Find out why it is the world's most widely-used complete organ, proved by performance in thousands of homes for many years. For the name of your nearest dealer and further information about the Hammond Organ, mail the coupon today.

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## NOBLITT-SPARKS INDUSTRIES, INC.

 Columbus, Indiana[^8]

$T$amps are not purely functional. They should be as attractive to look at as they are useful to see by. Do your lamps meet the qualifications? Perhaps you have a pretty lamp base that is completely obliterated by the ancient shade it supports. You needn't buy a new shade. Simply remove the old covering. Then with knitting wool, in a color to go with the room, wrap the old frame. Pull wool strands firmly, but do not; stretch To cover a lampshade $14^{\prime \prime}$ in diameter by $12^{\prime \prime}$ deep, you will need 2 skeins of wool. At $87^{\phi}$ a skein you can make a lovely new shade for just $\$ 1.74$. With American Home Pattern 1083 you


the shade is lighted. Then, the pastel-colored flowers glow. Pine-cone shade measures $12^{\prime \prime}$ and $6^{\prime \prime}$ round by $7^{\prime \prime}$ deep; floral shade, $10^{\prime \prime}$ and $6^{\prime \prime}$ by $61 / 2^{\prime \prime}$. But you need more lamps? Then, make the lamp bases shown below. The merry-go-round base, Pattern 1084, stands $11^{\prime \prime}$ high by $5^{\prime \prime}$ in diameter. With shade, the lamp is about $2 \mathrm{I}^{\prime \prime}$ high. The Chinese lamp base, Pattern 1085, is II $1 / 2^{\prime \prime}$ high by $4^{1 / 2 \prime \prime}$ in diameter, with shade about $29^{\prime \prime}$ tall. The bird and tree design is scratched into the plaster. The black stand is an inverted wooden salad bowl. The base of the Pennsylvania Dutch lamp, Pattern I086, measures $91 / 2^{\prime \prime}$ high by $6^{\prime \prime}$ in diameter, and with shade stands about $21^{\prime \prime}$ high. To make matching shades, we shellacked blank white shades, then rubbed them with a thin mixture of oil paint and varnish. Designs by Edith Conradi.

## AMERICAN HOME PATTERN 1084



- Beautiful lamps made from plaster of Paris. The American Home Patterns for the three lamps shown here include instructions for making molds and pouring plaster bases. Tracing and painting directions for decorating bases also given. Designed by Pearl Daru Snyder

AMERICAN HOME PATTERN 1086


Whe-viewing the styles
WITH LINIT Tess flair for intimate-fashion
design with this exquisite hostess
robe of flowered, petal-fresh
organdy. Washable? "Yes, indeed," says Mme. Tewi, "provided you starch it with LINIT." This finest of laundry starches restores original finish... helps all cottons stay fresh and unrumpled 'tween launderings.

## 

## and thoroughly practical



## plus plaster crack control!

Distinctively beautiful Wall-Tex is so practical too. Its strong, fabric base controls plaster cracks-and its nonabsorbent finishes are soap-and-water-washable, time after time. These famous WallTex features let you enjoy the fresh, new-looking charm of your decoration years longer - and that means real economy. Mail the coupon for free color portfolio and swatches of Wall-Tex so you can see its beauty and feel its texture and strength.

## Columbus Coated Fabrics Corporation <br> Dept. A118, Columbus 16, Ohio

Send me the color Portfolio and free swatches of Wall-Tex.

street
city and state


D/l(ake youre owos,
IF YOU LIKE THEM $\qquad$


- Christmas cards you make yourself speak warm Christmas cheer without words. With American Home Patterns to guide you, you can do a job as professional as the artists who created these cards. Vera La Fountain Dunn is the artist who did those in Pattern 1087. Stenciled angels in 1088 are from Lietta's talented brush

1Christmas thought needs never to be measured in dollars and cents, by quantity or size, but it does need to be a sincere thought-a sincere wish for happiness and prosperity in the coming year. A Merry Christmas wish should never seem like a duty deed. You send a card to a friend because you're thinking of himyou'd like to see him, and because you want to say a friendly hello. Just any card, no matter how pretty or expensive, simply won't do. In many cases your annual Christmas card is the one bit of contact with very dear old friends, so it has to be special, and just a little different from all the others. The card that will carry more meaning and more sincerity than words can express is the card into which you have put your own personal time and effort-and little enough time it will take, too! It's later than you think, so start now to make your own cards with American Home Patterns.

What would you like to try-tracing, stenciling, block printing, or cutout jump-ups? If you have a very lengthy Christmas card list, it might be well for you to choose the block print or stencil method. Once you've cut your linoleum block or stencil, you're all

# Only HIDE-A-BED can give you an "Extra Bedroom" like this! 


here's more than just extra sleeping space in this Hide-A-Bed, made only y Simmons! Look at the graceful beauty of this sofa. Would you believe hat there's a full-size, full-thickness Simmons innerspring mattress inside t? Hide-A-Bed is decorator-styled and tailored, covered in rich, durable


See how easy it is to flip open your Hide-A-Bed! It's the only sofa bed so cientifically counterbalanced it seems to open and close itself! See how it pens, too-you can get into bed from either side. And Hide-A-Bed is so clevrly designed you can actually leave bedding on it, fold it away already made ip!
fabrics-with not a trace of the big double bed inside. And for durability's sake, Hide-A-Bed has an all steel frame!
Only Simmons combines such living room beauty with luxurious sleeping comfort! Before you buy any sofa bed, see the Hide-A-Bed!


At night-your Hide-A-Bed becomes a big double bed, with a genuine Simmons innerspring mattress! P. S. You can have the famous Beautyrest mattress in any Hide-A-Bed you choose! $\$ 189.50$ and up, depending upon style, cover fabric, and mattress you select. (Slightly higher west of the Rockies.) Budget terms.

A STYLE FOR EVERY TYPE OF ROOM


Lawson

$\square$


## Mayfair



Tuxedo

## Only SIMMONS makes HIDE-A-BED

ALSO FROM THE HOUSE OF SIMMONS-the greatest name in bedding: Beautyrest-America's "luxury comfort" mattress. Electronic Blanket-a good defense against colds. Deepsleep Mattress-a fine Simmons mattress at a lower price. Babybeauty Crib Mattress-made to doctors' specifications. Ace Spring-the modern spring for the modern mattress.

## NOW... YOU DECTDE THE COLORS



## ThE BALBOA OVAL TABLE

Newest design in chrome. Exciting new colors under tabletops of sparkling glass. You "Color-Style" by selecting from 361 combinations of (1) table top (2) table-edgemoulding (3) Duran chair upholstery. Suit your individual color taste.

## CHOOSE YOUR COLORS IN CHROME

 FURNITURE... colors that are yours and yours alone! Only Balboa lets YOU determine EXACTLY the color combinations of table-top, table-trim and chair upholstery that harmonizes with your drapes, walls and rugs. A rainbow of NEW colors. Rich, deep tones ...soft, lovely pastels. Table tops of easy-to-care-for plastic or luxurious gleaming glass.
## and "CONTOUR-DESIGNED" too!

Balboa gives you so much more! Here is the grace and beauty of lustrous metal formed to please an artist's eye. Balboa is built for beauty and comfort, too! Balboa "ContourDesigning" gives chrome furniture a softer visual effect...more beautiful shapes...extra strength and comfort. Chair backs and seats curved (not straight) for greater seating ease. Table legs gracefully formed for more "under-table-roominess."

Only BALBOA permits CUSTOM "COLOR-STYLING"...g.gives you BOTH "COLOR-STYLIMG" and "CONTOUR-DESIGNING"

## FACTS about Balboa

 Chrome Furniture- All Balboa Chrome is TRIPLE plated.
- Double table legs are welded into strong single unit.
- Chair upholstery is genuine DURAN.
- Plastic table tops resist heat and acid.


## BALBOA GLASS TOPS

STRENGTH - BEAUTY


Balboa glass tops are strong-cushioned in shock-absorbing Coroflex. above is notual photo

DIVISION OF ROLL FORMING COMPANY - FULLERTON, CALIFORNIA WRITE FOR NAME OF DEALER NEAREST YOU
© 1948
See BALBOA "America's Finest Chrome Furniture"at better dealers TODAY!
set to go, printing one card after another in rapid succession. Traced and painted cards will take a little longer to make, but will have more of the personal touch. The design must be traced to each card; then painted by hand. You'll be surprised, though, at how many cards you can finish in an hour. There are three tracing patterns in Pattern 1087. One is a coy young deer painted in white against a star-studded gray background. On the second one, a young gentleman and his sweetheart are playing "Guess Which Hand" in front of the family Christmas tree. On the third, two youngsters are trotting dutifully up the stairs to bed with their great big shadows right beside them.

Number 1088 is a pattern for stencil cutting and painting. On one is a pretty angel in peasant dress surrounded by Christmas trees. On the other is an angel standing in a pool of stars holding a package. In Pattern 1089 , directions are given for block printing the really angelic angel and for stenciling the pert, spotted faun standing before a unique sort of tree. The angel is printed on a woodfiber paper and the faun is stenciled on very thin plywood, but you may, of course, use paper if you prefer.

The cutout jump-up cards, there are three of them in pattern 1090 , are fun to give-and receive, and simple as pie to make. Youngsters especially love cards that are "surprise!" when opened. Incidentally, the children will enjoy making Christmas cards from these patterns, too.

Make the envelopes or paint designs inside card folders. For mailing close folds, seal with Christmas seals.

This year enjoy the satisfaction of knowing that your card is good-looking, personally yours, and won't be duplicated by a commercial printing press a million times a minute.

AMERICAN HOME PATTERN 1090

- From you personally, an angel blockprinted on wood-fiber paper, or a spotted faun stenciled on a very thin $5^{\prime \prime} \times 41 / 2^{\prime \prime}$ piece of plywood, carries a unique seasons greetings. Both are quick to make. Faun stencil by Lietta

PATTERN ORDER FORM ON PAGE 119


- Spread true Christmas spirit with National Tuberculosis Association Christmas seals. From an accurate pattern trace Christmas tree, or other Christmas symbols, to sheet of seals. Cut out trees and glue to penny post card as Belle Harrington did last year
- Here's something as new as it is old-three cutout cards by June Walker say the old heartfelt greeting in a novel way. The yule tree card that stands in true perspective is $31 / 2^{\prime \prime} \times$ $41 / 4^{\prime \prime}$ when folded. The snow-covered house that can be painted to resemble your own is a little smaller and the Christmas package card is $4^{\prime \prime} \times 5^{\prime \prime}$ in size



IT'S A SUNSHINE KITCHEN! And something new under the sun is the stove placed to make a step-saving work area-and to set off the breakfast alcove. The whole room takes its cue from that sunny Marbletone linoleum floor, pattern No. 0108. Terrace-type iron tableandchairs, cheery yellow curtains, cool green Marbletone counter tops and "splash backing" make this kitchen fresh and gay as a June morning. There's a bright idea in that counter, too. No water can get back of it because it is sealed with Black Koroseal Cove Molding.

## Cllor IEET IDEES makes a liditlen muldent

The better design and truer color of Sloane Quality Linoleum Products inspired these up-to-date kiteliens

Look what happens when you do as decorators dowhen you start with the floor in choosing a color scheme. Wonderful new ideas-wonderful new rooms -seem to spring right up, when you have a new floor of Sloane Quality Linoleum Products to inspire you. See your Sloane-Blabon dealer. See his wide selection of thrilling new designs, colors and patterns in Inlaid and Marbletone linoleums ... Koroseal,* a Sloane-Blabon exclusive, the new miracle plastic in Tile, Cove Base and Cove Molding with jewel-bright colors that never grow old, never need waxing . Asphalt Tile, that wears and wears and costs so little Resilient Enamel Rugs, Floor Coverings and Wall Coverings. See them all at your Sloane-Blabon dealer's.


There's a new, easy way to buy linoleum products. It's the Sloane-Blabon "Treasure Island." Now you can picture how each pattern will look on your floorbefore you buy!
Keep your floors bright and new with Sloane Quality Linoleum Wax


LET'S GO PROVINCIAL! Old-world charm is reflected in natural wood, in the gleam of burnished copper. Note how beautifully the Inlaid Linoleum, pattern No. 1645, ties together the volors in the room. Yellow Marbletone tops counters, protects walls. Cove Base is Wedgwood Koroseal.

FIESTA GAY! From old Mexico come those handhammered tin trays, those colorful gourds, those hand-painted designs on chairs and pottery. From Mexican tile came the inspiration for that floor with its warm, friendly glow. It's a new SloaneBlabon Resilient Enamel design, No. 5280, edged with Wedgwood Koroseal Cove Base.

* B. B. F. Goodrich Co.


SLOANE-RLABON CORPORATION 295 FIFTH AVENUE, NEW YORK 16, N. Y.

## Window treatments

## to brighten aIl the house:

Oh what smart, glamorous, practical windows!
Better yet, these are only hints of the window effects you can fashion yourself for every room in the house . . . with Kirsch easy-to-use drapery hardware and famous Kirsch Sunaire Venetian Blinds.
For that smart "professional" touch in your window decorations, use Kirsch equipment. Ask for it at your favorite dealer's today.


Sun worshippers meet here! This lovely picture window features casement draw curtains hung on a smooth-gliding Kirsch traverse rod. The stunning overdraperies are supported by Kirsch swinging rods. Just open the draw curtains wide for sunlight; draw them together for control of light and ventilation or for complete privacy! Use traverse (draw cord) treatments for all your windows.


Your lovely rooms deserve lovely windows! And with Kirsch Sunaire Venetian Blinds, with neat, sturdy, one-piece metal head members which enclose the efficient mechanism, you get them. Flexible S-shaped metal slats with durable baked-on finish in beautiful pastel colors as well as white and ivory, are marvelously easy to clean. The swag valance and side drapery treatment uses one length of material . . . so graceful, so simple with Kirsch Valance Pleaters!

##  <br> drapery hardware and venetian blinds

Beauty in the Room Begins at the Windows... Start with Kirsch Drapery Hardware --SEND COUPON FOR VALUABLE BOOK TODAYI--
 KIRSCH COMPANY, 370 Prospect St., Sturgis, Mich.
Please send me my copy of the Kirsch "Smart Window Styling" book which shows 85 different window ideas. I am enclosing 25 cents (coin or stamps) to cover cost of handling and postage.
Name
Address
City $\qquad$

## Canera Grextings

 Thenand Wde

## Conversation Piece



THE AMERICAN HOME, NOVEMBER, 1948

1gain it's November, and already the family has begun counting off the days until Christmas. One problem which is sure to crop up at this time is that of the annual greeting card. It's easy to get exactly what you want by making your own cards at home-mounting photographs of your own on colorful backgrounds. And it really can be done -even if you're not quite an expert with lens and tripod.
There are any number of picture ideas which can be worked out now, in time to catch this year's Christmas mail: still lifes of candles and greens, of miniature Christmas scenes, and shots of the family inside the house. Also, it's not too early to be making preparations for your 1949 card. When the decorations are up and holiday festivities in full swing, there will be many opportunities for unusual pictures to use next year: the youngsters playing with toys at the foot of the tree (and Dad trying his hand at operating Junior's new train), the fireplace with stockings hanging from the mantel awaiting the coming of Santa Claus.
Naturally, you will need a camera. It may be plain or fancy, your own or borrowed, but remember that even one as simple as the so-called "Box" will give surprisingly good results. Directions found packed with


- A lighted tree, seen through the window at dusk, says "Merry Christmas" without words. Try at least three time exposures-at one, two, and four minutes-for one perfect shot
- Snow-laden branches frame this scene, create depth and interesting shadows. Alter a storm, try shooting white-clad evergreens, village streets, children and pets frolicking in drifts


BUT THAT'S NOT ALL (2)

## cinco deame $=$ combination storm sash and screens

 give you COMFORTS YOU NEVER THOUGHT POSSIBLE ... CONVENIENCES YOU'LL ENJOY THE YEAR 'ROUND Yes-any storm sash will save fuel-but Cinco gives you complete freedom from seasonal changing, repairing and storing of storm windows and screens. THEY'RE SELFSTORING! Whatever the weather or season you can have rainproof, draft-free, filtered-screen ventilation-never a worry about sudden rain or snow storms.Cinco is storm sash-Cinco is screens-Cinco is weather-proofing-in one permanently installed, beautiful aluminum unit for lasting freedom from seasonal maintenance. Patented Thermolok* Closure Frame assures permanent, weather-tight fit.
If you want to save fuel. . . and have a more heallhful, cleaner and safer home . . . look in your felephone book for your Cinco distributor or send coupon for illustrated literature.

## The Cincinnati Fly Screen Division


of THE F. C. RUSSELL COMPANY World's Largest Manufacturer DEPARTMENT 3-A118 of Combination Windowz CLEVELAND 1, OHIO

[^9][^10]

FREE EASY DIRECTIONS FOR MATCHING THE PAINT COLORS OF MAGAZINE-FEATURED ROOMSI

## Color Recipes ...

## (FREE AT YOUR KYANIZE PAINT DEALER)

Good-by color guesswork! Good-by disappointment when you try to paint to match the rooms you see featured in the magazines! Yes, ladies, Color Recipes tell you exactly what color paints you'll need! How to achieve the paint color schemes you see each month in the feature articles of the leading magazines. Your Kyanize Paint Dealer will give you new Color Recipes for the latest magazine issues free, each month. Easy! Next time you paint, paint the easy Kyanize Color Recipe way

HERE'S ALL YOU DO:

1. Look through the leading magazines and decide on the magazine room color scheme you want for your own home. (Save magazine for reference.)
2. Go to your Kyanize Paint Dealer and get Color Recipes FREE. Color Recipes will tell you exactly what colors you need to get the magazine color scheme you want. (Color Recipes this month also include recipe for Kyanize Peppermint Stick Kitchen featured above!) If your dealer does not have them, send 10d in stamps or coin and your name and address (please print) to Dept. A-10, Boston Varnish Co., Everett Station, Boston 49, Mass. 3. Then Kyanize, following your Color Recipe! Easy! Self-smoothing Kyanize just flows on . . . without brush marks! Walls and furniture look professionally done. Yes, it's no trick at all to have your room turn out as beautiful as the room you saw in the magazine.

## "PICKYOUR COLOR SCHEME FROM A LEADING MAGAZINE THIS EASY WAY!"

oston vapnish
Everetistation,

for Magazine-Featured Colors
film, cameras, flash bulbs, and photofloods tell exactly how to take various types of pictures. Follow the directions, and you can't go wrong.

Here are a few extra suggestions for taking pictures at Christmas, or any other time. Always have a solid support for the camera when making time exposures, since any movement of the camera while the lens is open will result in blurred negatives. Don't economize on film, particularly when you're trying to photograph a subject which may not be available for a retake. Try several pictures of the same subject, using different exposure times and shooting from different positions. Don't try to crowd too much into one small picture area. Get as close to the subject as possible, select plain backgrounds, and eliminate superfluous details. Careful focusing of the camera is essential if yours is not a fixed-focus model. Measure distance from camera to subject and set the focusing scale. Box cameras cannot take sharp pictures closer than six feet to the subject without a close-up attachment

1ow, let's go outdoors to get that shot. Your own doorway, particularly if it's attractively decorated with greens, would be a pleasing subject. Study the doorway for a while, find out when the light and shadow on it are most interesting, then shoot! Don't waste film on subjects that appear dull and uninteresting. And remember that the camera can't create interesting angles and lighting effects which the eyes don't see.
If you want to make a picture from the outside of the house looking in, say of the lighted Christmas tree seen through the window, the procedure is a little different. The camera is set in position on a steady support at sundown, when just enough light remains to bring out details in the building. If the camera has a lensopening adjustment, set it at f.I6 If the lens markings are from one to four, use number four. If yours is a box camera, with a small lever near the shutter release (the only lens adjustment on the box camera), pull out the lever. Set the shutter for "Time," and with fast panchromatic film, the exposure will be approximately two minutes. Exposure is made with room and tree lights on, but if the tree has a number of brilliant bulbs on it, they should be turned out for about half the exposure time.
Many people shy away from indoor picture work because they've never tried it. Even such lively subjects as children and animals can be photographed indoors with the help of the modern flash bulb, which will enable you to obtain those hard-to-get pictures. An inexpensive hand unit for firing the bulbs is available for cameras not equipped with flash devices Seasonal decorations around the house are excellent indoor subjects, and a couple of incandescent bulbs in simple reflectors will do for lighting. Move the lights about until the


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Add value to your giftsWrap them with

## Damnison GIFT WRAPPINGS

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On sale at stationery counters everywhero

LEARN LANDSCAPING
Profitable, healthful careor-absorbing hobby, for men, women. Thorough es-lesson homestudy course ful graduates. 32 nd year. Send for FREE catalog.



## A musical announcement

Save wear and tear on the family nerves! "Tone up" your home with an Edwards Fairfax . . . the door knocker with the musical chuckle! Electronically tested for pure, sweet tone, Fairfax makes all visitors sound and feel more welcome. Stunning Colonial type knocker of polished brass with a handy "last peek" mirror back.
A matter of minutes to install. Nonelectric, no wires to fuss with.
$\$ 7.95$ at leading Electrical, Hardware, Building Supply and Department Stores. EDWARDS COMPANY, INC., NORWALK, CONN.
Edwards
Door Chimes


Munching crunchy Milk-Bone Dog Biscuit actually helps keep his teeth and gums healthy....while giving him the solid satisfaction of a nutritious diet. concentrated nour-ishment-rich in vita-ishment-rich in vitamins and minerals your dog's diet!
Milk-Bone Biscuit contains nutrients your dog needs: Vitamins $A, B_{1}, B_{2}, D$, and E ... Meat Meal.. Fish Liver Oil... Whole Wheat Flour Minerals... Milk.


NATIONAL BISCUIT COMPANY National Biscuit Co., Dept. G-11 FREF Nattonal Blscult Co., Dept. G-11 FREF 444 W. 15 th St., New Yorkic 11, N.Y. SAMPLE let: "How to Care for and Feed Your Dog.," (Please print. Paste coupon on penny postcard if you wish.)
Address
City and State
Thils oùter iood in Ưnitod s̀tiatas onig
general effect is pleasing. No definite rules for exposure can be given, but with fast panchromatic film, a couple of hundred-watt bulbs placed not further than six feet from the subject, and lens set at f.r6, a time exposure of three to five seconds will be about right. Photoflood bulbs, which emit an intense light enabling you to take indoor pictures at snapshot speeds of I/25th of a second, may be used in place of the incandescent lamps.

One of my special projects was a table-top scene which included a startled deer and his sleigh loaded with gift packages. Panchromatic film, a small lens opening (f.32), and an exposure of a few seconds produced an acceptable negative.

Assuming that you've made one or more good pictures for your Christmas cards, what next? The simplest procedure is to let the photofinisher carry on from here. He'll take the exposed film and print it, with a greeting design, on a flat card. If you prefer something a little more dashing, the photofinisher will print the picture on a French-fold style of card.

Let's proceed to slightly more elabo1 rate card styles, such as colored folders. The photofinisher will make prints the same size as the original negative, or enlarge them to whatever size you wish. He will trim off the white borders, and you can mount the prints on folders of colored paper. Browse around the art shops for interesting papers, and either make your own folders or have a printer do the job for you, complete with printed greeting and signature inside.

The card which displays the crèche (a favorite Christmas motif with religious appeal) is a French-fold style. The borderless print was mounted on a sheet of decorative paper, and white stars harmonize with the subject matter. Additional color was unnecessary, since enough color was provided by the paper itself and the stars.
The reindeer and sleigh card is slightly different in its make-up, since the folder opens from the bottom instead of from the right side. "Happy New Year, Too!" was stenciled in white on the inside page. Since the names of the senders appear on the little tag in the picture, nothing else was needed on the inside page.

The candle and holly picture results in a card that's pleasant and dignified. It becomes something extraspecial when mounted on a paper folder of rich and appropriate color. A sheet of silver paper, a quarter of an inch larger all around than the borderless photographic print, was mounted on the front of the folder, then the photograph mounted on top. "Noel" was stenciled in silver to match the print underlay. Message and name were written inside.

With a little experimenting, you'll discover other unusual ideas for your personal Christmas greetings. Take the camera down from the shelf and start clicking that shutter-for this year's cards and next.


Yes, you can prepare your home against winter - prepare yourself for more comfort with less fuel - with complete insulation.

An Eagle-Picher Certified Insulation Job means that durable, fireproof, mineral wool - the most efficient insulation known - is installed every place insulation is needed. Thickness of insulation, areas to be insulated are factory specified. No "gaps" or "thin spots" are left. You get a

Certificate when the job is finished. You get maximum protection against heat loss, up to $40 \%$ fuel savings, year 'round comfort, all the benefits that only complete insulation gives. Why not let your Eagle-Picher contractor give you a free "Thriftolator" estimate of the fuel savings you'll get from a certified insulation job? Liberal extended payment plan available.

## EAGLE-PICHER INSULATION

The Eagle-Picher Company, Dept. AH118, Cincinnati (1), Ohio Gentiemen: Without obligating me, please send particulars about an Eagle-Picher Certified Insulation Job and a "Thriftolator" estimate.
$\square$ For present home
$\square$ For future home
$\square$ Students: check for Students: check for
special information

## Now! Yearrs of Ratrat Tailk Liife

 "ma FRIGDARE

## EIECTRC WATER HETER



## New Corrosion-Resisting Models Backed by 10-Year Protection Plan

Specially-built Magnesium Rod Inside - attracts to itself the corrosive elements in the water which would otherwise attack the tank walls. Gives effective protection against the tank "pitting" common in hard water areas. In soft water areas, it helps prevent "red water" from rust. Does away with need for expensive "special" tanks! Rod will give years of service-and can be quickly, inexpensively replaced.

Your Investment Protected - because these Magnesium Rod Model Frigidaire Water Heaters are backed by a 10 -Year Protection Plan.

In Every Model - All These Extra Advantages! Completely automatic water heating - with efficient, eco-
nomical Frigidaire Radiantube Units. Absolute safety and cleanliness-no flame, no soot, no ashes. Thermostatic Temperature Control. Heavygauge steel tanks, dip-galvanized for long life. Easy-to-clean Dulux exteriors. And many other features.
New Table-Top Models - 30- and 40-gal. capacities. Compact, may be installed in 24 -inch space. Have attractive new marbleized composition tops molded to steel base - exceptionally durable, will stand up under hard use as extra kitchen "working" top.

## See Your Dependable Frigidaire

 Dealer. Find name in Classified Phone Directory under "Water Heaters" or "Refrigerators." See his many other new Frigidaire Appliances for the Home.Listen to Frigidaire's new LUM ' $N$ ' ABNER show. See newspaper for tume, station.

## You're twice as sure

with two great names


DOUGLAS D. MARTIN

TThat Man's In the Kitchen Again" was the title The American Home used on an article I wrote a year ago. In what I like to think of as my best light style, I laughingly reorganized the modern kitchen and happily pointed out how much more efficient it would be if some of my suggestions were adopted by that woman in the kitchen. The woman in my life was pretty nice about it, but I've known her since we were kids in school and there was something lacking in her smile. When you've lived with a woman for years, you're sensitive to these little things. They ring an alarm bell in the back of your head. That little bell rang every now and then for a year, and I knew something was being cooked up for my benefit. One morning last month I found out what it was. I was attacked without warning.
"Darling," she said, "I've been thinking about that great big workbench of yours in the service room."

This was it-and worse than I had feared. My workbench! That tough, six-foot affair. With plenty of nooks and shelf-room for boxes and paints. Not handsome, perhaps, but beautifully functional.
I took a swallow of coffee and tried to sound only mildly interested. "Guess I didn't sweep up too well the last time I used it. Huh?"

# CHANGE FUELS 

 easily... inexpensively national HEAT EXTRACTOR BOILERSquickly convertible after
 installation

## NATIONAL

 "100" SERIES compact for small homes

## NATIONAL

"200" SERIES for average and larger size homes

## USE GAS, COAL OR OIL

End fuel worries. Use whatever fuel you can get during shortages-be prepared to change quickly and efficiently to the fuel you want when it becomes available. National " 100 " and " 200 " Series Heat Extractors are easily convertible to any fuel for hand or automatic firing.
"Heat-Extractor" fingers, cast into firebox and flue-passes, capture more heat. Addition of storage or tankless water heater gives year 'round household hot water efficiently and economically.

[^11]literature

The NATIONAL RADIATOR Co.
JOHNSTOWN, PENNSYLVANIA
"Oh no," my wife said warmly, "you always keep it in good order. But it is just a little bit ugly, and it's such a tremendous bench. I don't think we could ever disguise it."

Disguise it! What was she driving at? Our service room is a $12^{\prime} \times 20^{\prime}$ brick building with a cement floor and four casement windows. It is at the back of the patio and was built to get laundry tubs, washing machine, trunks, suitcases, and boxes out of the house. Incidentally-it was also supposed to house my workbench. Perhaps if I were to be quite casual about this thing-.
"Disguise it?" I repeated, pretending to read a headline. "It's a workbench. Why disguise it?"

T
The light of my life was being casual too. She poured a cup of coffee before she added, thoughtfully, "Well, there just doesn't seem to be any other way. One would just have to get rid of it I guess, and I've thought of the best idea about it."

That did it. I put my coffee cup down hard. "What," I asked firmly, "are we talking about?"
"Oh, darling, it's nothing. I just want to change the service room into a little guest house, and I can't do it with that tremendous bench there."
"And that's nothing?" I asked.
"Now, don't bellow. It's really nothing. III make draperies that will hide the laundry tubs and washer and the hot-water heater-."
"But my workbench. I do all kinds of things for you on that bench. I save hundreds of dollars -"
"You can paint the floor and walls and build a closet at one end and we'll buy a rug and a studio couch-."
"But what about my workshop? And my bench. I need that bench-."
"I'm coming to that. Instead of that hulking, big, homely thing, we'll buy an unpainted kitchen cabinet with doors and plenty of drawers and you can put a heavy top on it and paint it to match the drapes-"
"For Pete's sake-whoever heard of a workbench like that?"
"Oh, darling, please listen. And then we'll get some gay Mexican chairs and hang a serapi on the wall and after that-".
"But where am I going to put my tools? Hang 'em in the new closet with the winter coats-?"
"But my dear," the wife purred on, "you gave me the idea when you wrote that story about how many things a woman can store in drawers and behind doors in a kitchen cabinet if she's neat about it and always puts everything back where it belongs. If a woman can do that, a man can do it, too, and when we are using the room for a guest, you can arrange your tools in the drawers and behind the doors. Ill put a Mexican piece over the top, hang a mirror on the wall, put a lamp below it, and we'll have a perfect dresser. When we have no guest, we'll take those things off, and it will be your bench again. That
 shingles. Come in several

## attractive colors. <br> Most Beautiful

 Low-CostAsbestosReofever developed-
太 Permanent as stone... last 35 years plus*
$\star$ Fireproof . . . rotproof . . . weatherproof

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applied. No signs they won't last another 35
$\begin{aligned} & \text { years or moret That's why we say American } \\ & \text { Colonial Asbestos Shingles last } 35 \text { years PLUS. }\end{aligned}$

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TRRNEHEATING and AIR CONDITIONINE the world's most complete line
way we can have a dream of a casita." I choked. "A kawat?"
"Darling, if you please! People will hear you. You know what a casita is. It's the Spanish word for little house. You're so clever with tools and paint, and it will be so practical that everyone will wonder why they never thought of it."
So now we have a casita, and I have a new bench. And I wish I had thought the idea up myself. I've found that you can actually make a practical workbench out of one of those unpainted cabinets they sell in almost all furniture stores. It will be small enough to fit into a small service room and, as far as that goes, you could paint it white and use it in that Holy of Holies, the kitchen. Yet it will be big enough for most of the ordinary handyman's needs, and it will hold an unbelievably large assortment of tools.

These cabinets measure about 34 by 18 inches over-all and are 35 inches high. The two drawers are a good size. Each comes about $143 / 4$ inches wide and $41 / 2$ inches deep. I fitted a sliding shelf into one of them for drills, folding rule, and other small tools.

Dut it is in the space behind the $\int$ doors that you get a small world of storage space. I keep them open when I work at the bench. My cabinet holds a motor-driven grinder and polisher, an electric drill, small miter box, a rip and a crosscut saw, square, level, two planes, vise, a couple of extension cords, paint brushes, brace and bits, several boxes of nails, jars of screws, and a can of bolts. There is even space for three or four cans of paint. After all, there are two shelves, each of them 18 by 34 inches.
Many of these cabinets are sold without tops, which is fine. I made a top from 2 by 12 lumber and screwed it to the corner posts. You can hammer on that until kingdom come. Incidentally, I cheated a little on the top. It extends two inches over each side of the cabinet and one inch over the front. You gain some extra working space that way.
We compromised on a Congoleum rug with a couple of colorful Mexican rugs in the right places, so it's easy for me $t$ sweep up after a job. Maybe it isn't quite as handy when one has to open a drawer to get a hammer or a screwdriver as it is to pick them out of a clip on the wall, but it doesn't slow you down too much either. I find myself beginning to feel that maybe there is something to this kitchen idea of keeping things out of sight.

So far I've only oiled the cabinet. When the female architect decides what color she wants, I'll paint it. When we need the room, and she converts that bench into a dresser, no one will suspect its dual life.

This all just goes to show that a man ought never to tell his wife how to run her kitchen. The next thing he knows that woman will be in the workshop-his workshop.

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# $\pi$ 

BIRDS

## CAN'T DRINK

Long Branch, New Jersey
Long Branch,
October 22, 1947.

## President

Homasote Company
Trenton, New Jersey
Dear Sir: -
I am one of 56 men who constructed and then lived in the Byrd Expedition buildings (at Little America, Antarctica for over a year in 1934-35) which were assembled from Homasote
lined sections left over from the establishment of the first Little America in 1929. These sections were already the veterans of five years storage in damp New Zealand warehouses, but were still so strong and easy to saw, fit, and assemble that we were considerably surprised. But when we had dug down to the old camp and found also that the Homasote in the original buildings was in perfect condition after one year of soaking in melted snow (1929-30) and five years under the terrific pressure of 20 other wallboards would have pulped, cracked or dissolved, Homasote remained firm and trustworthy insulation against blizzards and temperatures to minus 75 !

I am not in the habit of using my few leisure hours to throw bouquets, I have too much to do, but I feel that merit deserves reward, so here goes - believe it or not, the above remarks are paled into obscurity by my a technical observer, on the recently concluded Navy "Operation Highjump", I was one of the to our old home 10 miles from the newest camp-site. I found the 18 year old Homasote in the walls and ceilings of the "Messhall" and "Science Lab" (the only buildings we could reach) absolutely unharmed by time, water, or cold. Hundreds of tons of ice had forced up the wood floors and pushed down the ceilings until they met in the center of the rooms, and puddles of ice everywhere evidenced the resons, but the walls were straight, unbuckled and scarcely stained.

Later, when our Expedition was leaving for its return to the States (February, 1947) and I had occasion to make one last run to the old I hacked out a piece of the messhall wall to send to you for analysis. I am mailing it to you for whatever purpose you may wish to use it, and if you ever want me to convince some doubting customer of yours, just lead me to I build the home I've been planning throughout several years of roaming the world, the insulation will emphatically be Homasote.

Yours sincerely,
Amarstlucitegr
Amory H. Waite, Jr. Radio Engineer
BAE II 1934-35 and 1946-47
P.S. I forgot one item. When I was carrying your specimen up the rope ladder from the whaleboat to the ship, it fell out of my pack and drifted away to sea. To my amazement its generation-old waterproofing qualities were still intact for it kept floating! Another boat speared it with a boat hook an hour later and returned it to me, punctured, but still definitely badge of honor rather than a defect. AHW

in BIG SHEETS up to $8^{\circ} \times 14^{\circ}$
HOMASOTE COMPANY
Trenton 3, N. J.

I Iormented by thirst, the birds fight frantically for a drink from the pan of lukewarm water I just placed on the snow by our doorstep. Precocious blue jays first discovered it and, with raucous cries, announced their find, simultaneously indicating their intention of keeping the man-made spa for their exclusive use. But their triumphant notes advertised, rather than protected, their find and soon other birds, knowing that the jay is not as fierce as he sounds, flocked to see what he had uncovered this time. You see, they listen intently for the emotional shadings of his every tone. They know that one shrill scream warns of the slinking yellow cat, while another tells that the grapes have purpled. Flutelike notes assure them that all is well, whereas lusty shouts mean that he has come upon a rare treatin this case, wet, drinkable water.
Now thirst-emboldened cardinals thrust coral bills down alongside sharp jay beaks. Brave mockingbirds glide down on handsome, whitetrimmed wings. Red-breasted robins appear against the snow, and inquisitive, iridescent, yellow-eyed grackles sail in. But grackles the other birds cannot take; they scatter. Even the lordly jays retreat to near-by limbs until the sleek-feathered beasties drink their fill and leave.
The branches hold scores of smaller birds awaiting, more or less patiently, their turn. A beautiful white-throated sparrow, crowned with ermine and black velvet, whistles pensively to keep up his spirits, then drops beneath a shrub and scratches vigorously hoping to reveal a juicy worm. Down the big oak tree comes a white-breasted nuthatch tossing off cheerful twin phrases as he walks, head-first, down the trunk as easily as his aptly named friend, the brown creeper, spirals up it. His happy, but nasal "yank, yank" ceases as his beady eyes take in the scene; then he signals his mate to join him at the peanut butter shelf until their turn comes. From a low bush, yellowbilled, slate-colored juncos quietly and unworriedly watch the revelry, knowing that when the big birds go foraging again, they will drink their fill. Never a calm fellow, the Carolina wren becomes a cinnamon-colored bundle of impatience among the cedar boughs, for he is, oh, so very thirsty! So give him and his friends some water now and then, won't you?


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## AIRTEMP DIVISION OF

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## BS 320 <br> OA,

## For Healthy House Plants



GORDON E. RILEY

Ihere's no question as to the value of a compost heap. But sometimes it can turn into a heap o' trouble. That is, if it becomes infested with nematodes. Nematode, of course, is the technical or scientific name; your practical gardener friend probably calls them eelworms-which is a most appropriate title-or possibly "nemas." They are microscopic, round, wormlike creatures which live in water, in moist soil, in decaying organic matter, and also, as parasites, in the living tissues of both animals and plants. That is to say, there are many, many kinds of eelworms, each with its preference as to the environment it lives in and the host that supports it, and each with its characteristic effect on that host. This last, of course, determines its status as far as man is concerned. While some forms can be called beneficial because they live on and destroy insect pests, such as the Japanese beetle, many are destructive, causing diseases of animals-including man-and plants. The plant troubles for which they are responsible may affect primarily the


- For small-scale sterilization, have soil loose, dry, pulverized, free from trash. Spread not over $5^{\prime \prime}$ deep, and sprinkle on it a measured 1 lb . per bushel of soil of $6 \%$ formaldehyde dust. Or pour liquid into small holes and cover at once

- Stir soil well (pouring it back and forth from one container to another, if practical, is a good way) to distribute powder thoroughly. However, if liquid disinfectant is used instead, the vapor spreads and the soil stirring is not called for

- Whether dust or a wet disinfectant is used, wet the surface well. This dissolves the powder, and helps form a seal to hold fumes in soil. Cover tightly with far paper, or wet paper or canvas, weight it down, and leave covered for 72 hours

- Then remove cover and place container in airy, sunny place. Test for formaldehyde fumes (but not for poison gas) by smelling a trowelful. Stir well if necessary to aerate it. When all trace of fumes is gone, soil can be used


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[^12]and for use in any room where you
roots, the foliage, or the stems or bulbs of their hosts; however, injury to one part may be accompanied by supplementary damage to other portions. The leaf nematode discolors and kills the leaves; the stem nematode causes tissue distortion, discoloration, and stunted growth (as in the narcissus, onion, and potato), while the type that bores into the roots of plants stimulates the tissues to develop galls or knots. This condition is called root-knot disease.

Tlhese minute parasites, which can be found all over the world, are especially prevalent in the South, where they cause great damage to field crops. In the North, they are considered more serious as greenhousecrop pests because they cannot survive low temperatures. Winter freezing usually destroys those introduced into gardens via infested plants. Yet some do survive, including those that get into the compost heap where moisture and the heat produced by the process of slow combustion provide conditions favorable for their growth. However, though they can live in the soil, nematodes must find host plants upon which to feedand this is not difficult since the rootknot nematode alone is known to attack more than 1300 species of wild and cultivated plants. And some of these are favorite house plants. Those commonly attacked by leaf or foliar eelworms include chrysanthemums, begonias, calceolarias, and coleus. Two bulbs often grown indoors and which are favorites with the bulb nematode are narcissus and hyacinth. And the root-infesting type is even more catholic in its tastes, working on coleus, poinsettia, Christmascherry, cyclamen, fuchsia, gardenia, and cineraria to mention only a few.
You can tell rather easily when a plant is infested, though there isn't any special manifestation associated with each kind. The most typical symptom of root-knot disease is the deformity of the roots. In some cases, the knots may develop at intervals, producing a beaded effect; in others, the swelling may be general, making the roots appear swollen and monstrous. Another common indication of nematode trouble is a lack of resistance to hot, dry weather. Infested plants wilt readily, and badly infested specimens present a more or less general sickly appearance. They will be noticeably dwarfed compared with healthy piants of the same age. Again the foliage of a diseased plant is a lighter green color than that of a plant with healthy roots. In severe cases, the leaves begin to die around the edges, or the whole plant may succumb in a comparatively short time. If the leaf spots are brown and centered between two veins so as to have a triangular or wedge shape, the presence of leaf nematodes can be suspected. However, if a plant just has an unthrifty appearance with no apparent cause, root-knot eelworms are indicated, and you had better ex-


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## Keep Brushes like New

 formaldehyde, which is certainly the easiest and safest for use in the small greenhouse or workshed, or around the house. How to use it, in the form of a 6 per cent dust, at the rate of 1 pound per bushel of soil, is graphically shown in the illustrations on page 91. Larger quantities of soil can be treated by merely using a larger container; but do not have the soil more than four or five inches deep. This means, of course, compost from your heap as well as soil from the garden, or any that may be suspected of harboring the destructive nematode.

## ARE YOU GOING TO MOVE?

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THE AMERICAN HOME, NOVEMBER, 1948 method of all for controlling nematodes; namely, soil sterilization. It is, of course, possible to escape danger and trouble by growing only kinds of plants that are not apparently hosts of the parasite. But that is likely deprive you of some favorites For the average home gardener with limited facilities, the easiest way to sterilize soil is with toxic chemicals or "nemacides." There are a number of these on the market and new ones are being developed and introduced right along. Chloropicrin, commonly known as "tear gas" and sold under such trade names as Larvacide, is highly effective, but should be used carefully and exactly according to the manufacturer's directions. Others are carbon bisulphide (bad-smelling and flammable), calcium cyanide (available in dust form as Cyanogas), methyl bromide, and the familiar

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amine the roots for the easily recognizable galls or nodule-like growths.
nd if, or when, you find that you
 stroy, by burning, every such specimen. True, there are several ways in which some plants can be freed of its parasites, and cured. But as a rule they are difficult unless you have the proper materials and equipment; and sometimes they kill the patient as well as the disease you are fighting. Scarce or valuable plants-sentimentally or otherwise-can be soaked for several minutes in I per cent formaldehyde. Or they can be given a hot-water treatment by being put for five minutes in water at a temperature of 85 to 95 degrees F . and then, for 30 minutes, in water held at 113 degrees. An established procedure for bulbs is to keep them in no-degree water for from three to four hours. Thereafter, of course, the treated subjects should be planted or replanted only in clean, nematode-free soil. And that brings us to the most practical

## Spaxapu!  be counted



Surely you know that a great many other women heartily approve of Tampax and if you have not adopted it 'yet-why not? This modern monthly sanitary protection clears away all the worries caused by the older "outside" method. For Tampax (the invention of a doctor) is worn internally and the user actually is unaware of its presence.

No belts, no pins and no external pads are worn with Tampax. Therefore no bulk to slow you down. No edge-lines to fret about. No chafing and no odor. Nothing in fact to distract your attention or lower your self-confidence. . . . Made of pure surgical cotton compressed into slender applicators, Tampax is easy to use, quick to change and no trouble to dispose of.

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| no pINs | slip right into your purse no nools And there's an economy box with 4 months' average supply. Tampax Incorporated, Palmer, Mass.



- Do you seek high-lights to relieve masses of Christmas greens? Try the shimmering disks of Lunaria; clusters of bright red winterberries; twigs of these waxy-white bayberries, or the larger, golden-freckled, silver berries of Eleagnus umbellata
- Leave these flat, tan pods of Iris foetidissima unpicked until, opening, they reveal their brilliant scarlet seeds. But baptisia pods, picked while still green, become a lovely slatey blue. As they dry, the seeds imprisoned within turn them into rattles When clematis sheds its raiment of petals, it quickly acquires these interesting, silky, swirling pompons made of delicate, feathery plumes-that we can enjoy!
- Did you ever observe that, as soon as the gracefully drooping, long-spurred flower of the columbine withers and falls, the slender, wiry stem straightens itself up to hold erect the five-horned, five-celled cup, full to the brim of shiny black seeds?

- What amazing changes take place as flowers mature info fruits and seeds!
M. A. ROCHE
- Do you know the subile variations and muted color harmonies of twigs of dogwood, willow, kerria, and forsythia? Those of Indiancurrant's coral berries, or the beauty-berry's amethyst clusters? Rosa multifora's tiny red "hips" $\%$ And these larger fruits of the prairie rose?



## REAPS A SECOSD HARVEST

Seed-pods, berries, and dried flowers
have subtle charm and color to be enjoyed
in the time of bare branches, pale shadows
on the snow, and early firelight
thrifty of beanty,

, American Medical Association


Photographs by John P. Roche

- Among the decorative, as well as interesting, seedpods, that of the empresstree is a pseudo-hickory nut; those of rose-of-sharon open like a 5 -part flower. But the most perfect of all, those of the tulip-tree (left), form cups of narrow, pointed "petals" about a long, etçhed "pistil"


IIThen the polished furniture seems suddenly too bare, the view from the picture window across the snow-blanketed garden too bleak, the flowerless room too empty and tidy to endure, then I know of no more agreeable and rewarding way to spend a winter evening than in the leisurely examination and arrangement of plant materials that were hurriedly gathered during summer's mad scramble and tucked away on the top shelf of pantry or tool shed to await just such a moment. Consider, for instance, seed-pods. Many of them are fascinating just to study, perhaps with the aid of a magnifying glass. Then, too, the plants in your herbaceous border may contribute even more to your collection than can the trees and shrubs. My favorites among the flowers are those which do not try to imitate the glories of another season. Unlike the everlastings, whose papery bracts refuse to fall and let the flower complete its life cycle, they, in their natural ripening and fruition, achieve a beauty all their own. One of them is the blue plantain-lily (Hosta caerulea). If you leave uncut some of the tall stalks, attractive little green bananas will appear along them, where the blossoms were; leave these alone and each will turn into a miniature pigskin pocketbook literally bursting with neatly packed, glossy black currency. These stunning black-and-tan clusters offer something for everyone: they can crown Mother's best arrangement efforts; Father can try his new camera on their unusual textures; the children can blow the winged seeds from the backs of their hands and watch their slow, but madly whirling, descent-and Auntie can sweep up after them! These notes and pictures can suggest only a few of many lovely things, some kept over from summer, others to be gathered now, or even later, when brisk, clear air, cold, blue sky, and snowdrifts lure you outdoors.


- How diverse in form and function are plants fruiting mechanisms! These weigela seed-pods, and those of rhododendrons, are a sculptor's armature of their flowers. Pieris japonica, however, adorns itself with strings of exquisite carved beads
- Compare these upright pods of Siberian iris with those of the Gladwyn iris opposite. A single stalk may look skimpy, but several, bound together with their tall, open-lipped, bronze chalices at different levels, are useful in many ways
- I don't care so much for everlastings: their papery bracts seem too much like actual petals. Yet, in my own perversity, I do like these plushy plumes and crests of Celosia, especially of C. argentea which range from buff to reds and purples

- There can still be found afield such things as the sumac's red suede berry pyramids; dark blue "grapes" of the thorny cat-brier; the cattail's brown "sausages," and these gentle milkweed bombs, which burst into black-studded, white-silk fluff




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(ome crisp, tangy fall days and you'll just have to reckon with the leaves. This may mean a terrific chore, or one of the year's high spots, depending on how you approach it, what equipment you have, and how much help you can count on. If your area and tree population warrant, you may want to invest in one of those vacuum sweeper affairs that looks like a covered-wagon lawn mower, but isn't. Pushed back and forth across the lawn, it swiftly picks up all the leaves and stows them away in its capacious interior.
But if you plan to rely on elbowgrease and patience, you will need a good rake of the broom type, or, rather, several. For leaf-raking is much more jolly as a family affair than as a solo project; a summons to

"Grab a rake and come on out" can make for a lot of fun. Also, one of the big, old-fashioned, wooden-bow lawn rakes is fine for handling oversized piles as they accumulate.

For carrying leaves, you can use a big piece of canvas or burlap and sling a huge, but light, bundle up on your shoulder. A two-person team can carry generous loads litterwise on the same strip. And small fry will enjoy helping with suitably sized baskets. There is a handy, knockdown affair of canvas and piping that can be trundled along; there are racks, carts, and wheeled baskets of various kinds; and a strip of burlap with lengths of pipe sewed into the two ends will keep an astonishingly large heap from cascading off a wheelbarrow, especially if a flat extension bed rack replaces the removable sides.

Where you take the leaves and what you do with them is important. If you have the soul of a gardener
and believe in conservation of natural resources, you will not burn them. Instead, you will add them to the compost heap, without which a garden is sadly, tragically incomplete. If, perchance, they are full of twigs, branches, etc., they might better be

used for mulching around shrubs and evergreens and on perennial borders, either when gathered or after the ground has frozen. And if, rarely, a bonfire is unavoidable, ( r ) keep it small; (2) keep it off the lawn or any other desirable grass or vegetation; (3) keep it off a paved terrace or tarred or asphalt drive or walk, and (4) above all, keep it away from and out from under trees. (You see, it will probably be easier to compost it after all and much better for your garden!)
The thought may occur, Why rake the leaves up at all? Don't they, under natural conditions, stay where they fall? Why isn't that the logical and best course? Well, the looks of the place is one reason. The fire hazard is another. Leaves allowed to lie

on the lawn over winter can smother out the grass. On the other hand, they can serve a real purpose as a mulch, or dug into heavy clay soil when it is turned. And, as may have been mentioned, they make good compost. So, come on. Let's rake leaves.



## Be smart! Install an Aeropel-


#### Abstract

As some trees age, they often become brittle, subject to disease, and susceptible to breakage in a high wind. It is certainly advisable to remove such menaces at the cost of a Saturday's work rather than remain subject to the danger of a breaking or falling tree and the expense and damage it could cause by falling indiscriminately. Excess shade trees, too, often create a problem by taking more than their share of plant-food and soil moisture. If you have put ofi the feiling of an undesirable tree because of the high cost of having the work done, take heart! With the ambition and spirit of adventure of a true handyman, you can do the job yourself with some simple equipment. In preparation, there should be assembled: A 5 ft . bucking saw, which may be operated by either one or two persons; a woodsman's axe; 100 ft . of three-quarter inch rope, and wedges to put in the saw cut to force a leaning tree over, or to keep a log from pinching the saw as it is cut into lengths. Metal wedges can be bought, or satisfactory wooden ones can be made by sharpening $18-\mathrm{in}$. lengths of a hardwood $2 \times 4$.




Fig. 1. Undercut, from front (left) and side; and felling cut (dotted line)

If there is sufficient area in which to drop the tree whole, first determine where it should fall to do the least damage and to be most easily cut into convenient sections. When this line has been determined, you are ready to make the first cut, known as the undercut. (Fig. 1) This being the factor which determines the direction in which the tree will fall, it requires close attention. It should be sawed at an exact 90 -degree angle


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to the line of fall, and should penetrate the tree about one-fourth of its diameter. (Fig. 2) After the undercut has been sawed in horizontally, the kerf is sawed or chopped out at about a 45 -degree angle. Then clear out all the wood so as to form a clean notch on the line-of-fall side of the tree
Next, start the actual felling cut from the opposite side of the tree This should be horizontal and at least one inch above the base of the undercut. As it progresses, check on both sides to see that the saw is equidistant from the undercut. If one side leads the other, the tree will have a tendency to twist to the side which is least sawed, and this tendency may cause it to swing away from the desired line of fall. When it starts falling, move well back and to one side of the stump, for the trunk may bounce when it hits the ground. The operation may be likened to the working of a hinge. The undercut determines the direction in which it will swing, and since the tree will start to fall before it is cut completely through, the remaining wood fibers act as a pivot.


A leaning tree is Fig. 2. Undercut and treated in a slightly line of fall (arrow) different manner
The undercut is made as before, but, if the tree is leaning to the right of the line of fall, the felling cut is made unevenly; allowing the saw to lead on the right side of the tree. This leaves more wood fibers as a pivot on the left side, and tends to twist the tree back and make it fall true. For a tree leaning to the left the procedure is, of course, reversed. If a tree leans backward slightly from the line of fall, it can be driven over by inserting a wedge or two in the felling cut and hammering it (or them) in as the saw cut deepens. Stop the felling cut when it lacks about an inch of reaching the deepest part of the undercut. Then drive the wedge in until the tree falls

If the available space does not permit felling the tree in one piece, it can be taken down in sections. (Fig. 3). Start at the top and saw the limbs off, leaving enough stubs for adequate hand- and footholds. Eight feet or so above the point where the uppercut will be made, tie a rope around the trunk and have a helper on the ground ready to keep a strain on it. Again saw the undercut (it is safer not to take an axe up a tree), then move around to the opposite side to make the felling cut. Meanwhile the helper keeps the rope taut to make doubly sure that the section falls in the proper direction. It is well to fasten a safety belt or short piece of rope around the tree and the body of the worker. The work is easier if

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there is something to lean back against; also, if the tree should sway as a section falls, the belt will prevent the man aloft from being jarred loose. Move down the tree to the base of the next section and repeat the operation. If a stout string was carried up in the first place, the rope can be hauled up after each section has been dropped to save repeated trips to the ground. In a very tight spot (or in the case of a large tree) short sections can be cut, and they and the limbs lowered to the ground with minimum risk and chance of damage. When doing this, wrap the rope for one turn around the base of one of remaining limbs so it will bear the direct weight as the helper allows the rope to slip little by little Sawing while up in a tree is much more difficult than sawing on the ground, so it is fortunate that this method is not often necessary on the average home property. Ordinarily 6 to $\mathrm{I}_{2} \mathrm{ft}$. sections can be handled conveniently. To prevent the saw binding because of an accumulation of sap or pitch, sprinkle a kerosene and oil mixture on it before starting a cut, and as often as necessary And when the tree is down, what do you do with it? If you have a fireplace, or wood-burning stove or furnace, you'll probably want to cut it
 into suitable lengths and split most of them into firewood. The shorter the lengths, the easier they will split, but at least two iron splitting wedges will be needed, and a 6 or 8 pound sledge. Avoid trying to split through knots. Split rails are another interesting possibility. A homemade rail fence is a feature of which any homeowner and his family can well be proud.
While tree-felling can be done by any man willing to sweat a little, here are Fig. 3. Sectional some very important undercuts indi- safety precautions: cated by arrows Don't chop toward your feet in removing the limbs from the logs, or while chopping a log. The axe may glance off and into the foot.

Tie a rope to every limb, tree, or trunk section which you do not feel positive will go where it is aimed by its undercut. Have someone below at a safe distance keep a steady strain on the rope while the felling cut is being made. Lower tools, don't drop them.

Always run back and to the side of a tree as it starts to fall. Keep the inevitable spectators at a safe dis tance. And, oh, yes (the easiest and most satisfying part of all): Don't forget to yell, "Tim-ber-r-r!"

In general, stick to small trees, and employ expert help for big ones.


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- Change the routine by having a luncheon - and bridge on Monday. Call it a WASHDAY PARTY, roll up the invitation in an envelope, as if it were a dress. dampened, in a towel. Cut clever paper shapes-like wash hanging on clothesline
- Luncheon table-bird's eye view. Ribbon clothesline can actually be a ribbon or Scotch tape. Clothespins snipped out of Scotch tape. Informal place mats simulate "wash". Tie large, handsome bows at corners

Drawings by Lorraine Fox

- Flowers for the centerpiece are arranged in familiar tin soap-flake container, several are more effective if your table is large. Select garden favorites, mass color together. Use rhododendron leaves for extra greenery

- In a doll's clothesbasket place rolled sandwiches to simulate rolled - up dampened clothes. Make up sandwiches ahead of time, keep in refrigerato until ready to serve. Paste filling gives best results
- Paste a clothespin on piece of Bristol board. Another piece bearing guest's name is slipped in open end of clothespin and secured with glue or Scotch tape. Paint clothespin to tie in with your color scheme



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## GARDEN BASKET MACARONI

## $11 / 2$ cups macaroni $\quad 1 / 4$ cup chopped onion $1 / 2 \mathrm{lb}$. American cheese $11 / 4$ cups milk $1 / 4$ to $1 / 2$ tsp. Worcestershire sauce Salt and pepper 4 slices bologna 1 No. 2 can Del Monte Early Gatden Peas

Cook macaroni in salted boiling water till tender. Set aside enough cheese for topping; cut up the rest and heat with milk in double boiler till soft. Beat with rotary beater till smooth. Add Worces tershire sauce; onion. Mix with macaroni in shallow 5 -cup greased casserole; salt and pepper to taste. Top with cheese slices; cover; bake in moderate oven ( $350^{\circ} \mathrm{F}$.) 20 min . Fry bologna gently on one side; fasten with toothpicks. Place on baked macaroni; fill with hot, seasoned peas; garnish with pimiento. Edge with the rest of the Del Monte Early Garden Peas. Serves 4.

Early garden


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- For dessert, a cupcake hollowed out and filled with ice cream or whipped cream. Gum-drop circlets, cut in half, for handles. Fresh, billowy as a newly filled laundry basket
- Or, serve ice cream with lady finger, snipped to look like a fat clothespin. Chubby edible as well as amusingsure to be a special favorite

- 



- Or, oblong cake scooped out in two square hollows, like old-fashioned washtubs, gelatin cubes one side, whipped cream on other. Soap is a gum drop-placed at side
- Now on to bridge. Covered Lux Box is used for forfeits. Losing couple forfeits 5 c a trick, 10 c if vulnerable. Couple losing three time: in succession substitutes word "suds" for clubs when bidding, and forfeits $5 c$ if they forget. All players say "duzzle" and "reduzzle" instead of double and redouble and must forfeit $5 c$ if they forget


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## the llarrest Iloon

et autumn hues be your color guide for a late Thanksgiving Day table setting. Our choice here is a marzipan arrangement on a natural-oak Lazy Susan. Sculptured bits of beauty, gems of marzipan candy, tumble forth from the traditional horn of plenty in the form of apples, sunburned pumpkins, golden corn, roasted turkeys, and high-crowned pilgrims' hats. All may be easily and attractively fashioned by even the youngest member of the family.

The harvest theme is continued in the figured tablecloth. Naturalcolored serving dishes, transparent glass, chrome candlesticks, and sterling flatware all add up to a festive holiday table.

For those in your family who can't resist that last taste of turkey, serve a light supper of delicious leftover turkey salad, hot roils, macaroons, and fragrant, hot, spiced cider. Munching happily, the children will go off to bed to dream of tiny, shiny, pearlygray pilgrim figures scampering over crescent-shaped moons.

Elza of Hollywood cioth and napkins, Broadway Dept. Store, Inc.; flatware "Joan of Arc," International Silver Co.; Lazy Susan, Bellette; punch sérvice, Viking Gloss; solad
bowl set, S. E. Overton; glassware, "Ivy," Mooney of Hollywood; baskets, Old Mexico Shop; candles. Tavern; candlesticks, Krome-Kraft, Farber Bros; ; moon-shaped and centerpiece ideas from Vera La Fountain Dunn; Color photograph by F. M. Demarest




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This-n-that about sausage

## BY <br> marie Gifford



Pork Sausage and Crumbed Cauliflower are unexpected dinner partners that really hit it off together. Choose either Armour Star Pork Sausage Links or Patties - one is as good as the other. Fry sausage slowly $15-18$ minutes in a heavy pan. Turn gently to avoid breaking casings. Pour off fat as it accumulates. In the meantime have a medium-sized cauliflower simmering in enough salted water to cover it. (About 20 minutes.) Brown $1 / 4$ cup bread crumbs in $1 / 3$ cup sausage drippings and pour over cauliflower. Nest in a bed of bright green peas, surround with sausage - and bring on the appetites!

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Green Beans with Cauliflower Toasted Rolls Quick Frozen Pineapple Chunks Coffee or Milk

Hot Clam Broth
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Buttered Carrot Rings with Mint
Pear filled with Grapes mixed with Sour Cream

Coffee

Tomato Soup
Sausage with Gravy on Mashed Potatoes Cabbage Slaw
Rye Bread Margarine Jellied Fruit Milk



# ..just add Nuts 

MARY H. CULBERTSON

k
very fall when the maple leaves have turned red as a foxtail, the oaks burnished as mahogany, the air as clear and fragrant as wine, we go a' nutting. It is fun to poke among the fallen leaves of the hickory tree. Hickory nuts are the most delicate of all nuts. Is it called Shell Bark or Hickory nut in your particular neck of the woods? Sometimes the nuts lie white and smooth, ready and waiting for the lucky personor for squirrel or chipmunk to come for them. The Black or American Walnut is messy to gather and hard on the hand, for the outer covering must soften and rot off before the hard shell dries. Then it can be cracked and the rich,
oily and distinctive kernel patiently picked out With the Chinese Chestnuts now bearing, we hurry to get the prickly, just-opened burrs with their velvet-soft linings and the three precious chestnut kernels carefully cradled within.
The Hazlenut or Filbert, the trees bright with yellow leaves, live happily in the rock row between the alfalfa fields. The light brown nuts, growing in clusters, have purplish husks. Besides their good flavor, the ease with which the shell is broken and the kernel removed has always made them great favorites with us. All these nuts are good plain or salted. Using them as a cooking ingredient only adds to their popularity.



- Put yeast dough to rise over a bowl of hot
water. Add hot water from time to time as needed.
Cover bowl with towel to ward off sudden draughts

- Onions can be brought to a brown glaze if basted with the fat drippings from a roast. Brown in slow oven or over low heat, shaking the pon frequently

- Macaroni cooked and cooled for a salad should be well rinsed with cold water before being mixed with other ingredients. Separate pieces with fingers



# NEW LAFRACCE IMRRSSSES SCIENTISTS, DELIGHTS HOUSEWIVES! 

## NEW LA FRANCE BRIGHTENS COLORS, TOO

When you wash with new La France with Luminess, deep greens and reds and browns become richer. Yellows and blues achieve more brightness. Wash dresses that have grown drab in many washings suddenly become crisper in color, newlooking.

It's the Luminess that does it... that amazing Luminess!
What a wonderful discovery for women who have become resigned


#### Abstract

to bluings that dull colors or to bleaches that tend to bleed all brightness out of garments. Try new La France yourself... but be prepared to be amazed!

With new La France, you don't need to worry about washing fastcolor and white things separately. New La France will whiten the white things and brighten the colored things in the same washerload or tubful simultaneously.




New La France provided by Bendix in new washers!

## Enthusiastic Comments from Users of the New La France

"Thanks to La France I now wash and blue in one operation-and my clothes have never looked better or brighter. Thanks a million for time-saving, back-saving La France."
Mrs. J. Spellerberg, Ferndale, Mich.
"I have been using La France for years and I didn't think you could beat it till I tried the new La

France with Luminess. All I can say is that La France is even better now and that means it's simply wonderful. It gets clothes so much whiter that you can definitely see the difference."

Mrs. R. J. Tufts, Chicago, Ill.
"La France plays the leading role in my colorful clothesline show! Gay-colored prints, white shirts, and bordered towels all have a sparkle that's brighter than new! It's a 'must see'! La France-I love it!"

Mrs. J. Darrow, Plymouth, Mich.

## LA FRANCE BLUING FLAKES-

with whitening, brightening Luminess!

## Amazing New Whitening Compound Actually Adds Whiteness to Clothes

Also increases brightness of every color in the rainbow

## By FRANCES BARTON

Hoboken, N. J., Nov. 1948 - Out of the laboratory has finally come a new answer to an old question! "How can I wash white clothes so that they will look whiter?"
For many years it has been the custom to bleach or to blue clothes to make them appear whiter. Now, a new compound has been developed by a group of chemists which outmodes all regular bluings as surely as the electric iron outmodes the iron your grandmother heated on the stove.
So new is this compound that its remarkable action is as impressive to many chemists and physicists as to housewives.
This compound is called Luminess, and it is now being used in the new La France bluing flakes.

All white clothes are white because they reflect light... colored clothes are bright because they reflect light. The more light they reflect, the whiter and brighter they are.

This wonderful new substance, Luminess, makes them reflect more light than they do naturally, there-
by making them whiter and brighter than ever before.

## Gets Clothes Whiter!

If you wash your white and colored things (clothes, tablecloths, anything) with your regular soap or detergent and with new La France containing Luminess, you find they don't grow dingier and grayer as time goes on.
They actually grow whiter... keep right on getting more so each time you wash!

After half a dozen washings, clothes are just as white, or whiter than they were when you bought them at the store. This is true no matter what brand of soap or detergent you use.
La France is simple to use. It comes in the form of a bluing flake. You simply add it to the wash water along with your soap or detergent. No bother. It works automatically while you wash. It works so well that the makers of the Bendix Automatic Washing Machine include a package of new La France in every washer they sell!

## BETTER THAN ANY BLUING

We had La France tested by many housewives who were users of old-fashioned liquid, ball or cube bluing. These women were used to taking great precaution against streaking, spotting and over-bluing.
They found there was no need for such precautions with new La France. La France goes right in with the soap; the simple motion of the clothes through the water dissolves La France completely. It can't possibly spot or streak.
Because La France with Luminess actually adds whiteness to your white clothes, there's never a trace of blue on anything washed with La France. And don't forget, it brightens




Model F57P Electric Roaster Range with 2 Ovens

ONLY Monarch gives you the exclusive convenience of a second oven built into the range top where it saves stooping . . . saves pulling out hot oven racks. You just lift the cover and there's your food! What a convenience for frequent basting to assure added juiciness to meats, fowl and wild game. In fact, what a convenience for all your meals! This stoopless surface oven is perfect for vegetable dinners, baked beans, meats, casserole dishes,

## ) (nownh

## three generations of cooking progress SINCE 1896

baked potatoes, complete oven dinners - even cookies, biscuits and pie. Your regular oven with broiler unit is always in reserve. Two different oven temperatures are always available for simultaneous use. You always have enough oven space. Dependable temperature controls, automatic time control on both ovens, notifier, pilot lights, etc. these are all on the Monarch. And, back of the Monarch name, stand 52 years of range-building experience.

See your nearest Monarch retail agency or mail coupon.

[^13]

## Name.

Address.
City. $\qquad$


## AN UNUSUAL \& USEFUL CHRISTMAS GIFT

Completely redesigned after long research, this new improved Menu Maker is the last word in a safe, convenient, instantly useable place for filing your treasured recipes. Made of strong durable plastic, the box comes in a striking combination of black and white to tie in with much of your kitchen equipment. Measuring only $6^{\prime \prime} \times 11^{\prime \prime}$ yet it contains space for filing more than 1000 recipes. Planned to set on your pantry shelf or kitchen counter top, when open it exposes all your entire 1000 recipes, properly classified from Appetizers to Vegetables, with additional indices included for menus and specialties. An added feature is a helpful weights and measures table mounted on the inside of the Menu Maker cover and always in view for ready reference and information.

With the Menu Maker comes an augmented and newly organized set of stiff preprinted index cards-45 of them-making your new Menu Maker finger tip convenient and every recipe instantly available, whether it is an individual dish or an entire party menu.

Also included without additional cost is a sample supply of the specially designed Cellophane envelopes into which you can place each recipe to keep it spotless while in use. These envelopes are water-proof and grease-proof. Order a new Menu Maker for your kitchen today with our guarantee to refund cheerfully every penny if you are not satisfied. Please use the convenient order form.
Here is the perfect place to keep your recipes. Easy to use, so inexpensive that every home maker can afford one. Priced at only $\$ 2.50$, the Menu Maker will pay for itself in no time by helping the busy housewife plan her meals in advance and buy her foodstuffs more efficiently and economically.

Several hundred thousand Menu Makers have been purchased by our readers and are in daily use. The specially designed Cellophane envelopes, samples of which are included, will profect your recipes when in use. They also make for easier filing.


THE AMERICAN HOME MAGAZINE, Dep't M 55 Fifth Avenue New York 3, New York I enclose \$ . Please send me at once the items I have checked.

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2. The American Home Menu Maker with 200 Cellophane Envelopes $\$ 4.00$
Additional Envelopes, 100 for . . . \$ $\$ 1.00$
If you live in New York City, please add $2 \%$
Sales Tax.
NAME
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Sorry, none to Canada.



Don't let a crusty broiler get you! Don't scrub at caked-on grease with a spineless dishrag! Use a metalfiber Brillo pad! Fast! Easy!

Shine pans easy with BRILLO 8
Brillo is tops at cleaning grimy pots and pans! A square Brillo pad-with-soap whisks off every speck of scorch. Leaves pans cleanand shining! Wonderful for aluminums! Use Brillo every day to keep 'em gleaming!

## There's

jeweler's polish in BRILLO!

Brillo makes your pots and pans sparkle-bright as the day you bought 'em! Brillo soap contains shine ingredients that jewelers use to polish precious metals!
GREEN box-pads and cake soap
RED box-soap-filled pads


Shines aluminum fast!
"Blondie" of the screen and radio


- Modern Thermic Ray cookware is the choice of "America's No. 1 Housewife" because, in no other line of cooking utensils can you find the outstanding advantages of
- Lastingly-beautiful, easy-to-clean stainless steel.
- Fuel-conserving, heat-distributing copper bottom.
- Quicker-cooking, flavor and vitamin protecting vapor seal.


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orange accents well, in its cold sweetness, the hot, tangy sweetness of the sauce. Or try grated rind. Madame Alessandri, who teaches French at the University of Oklahoma, used to enchant me with her digressions on the everyday life of the French people. She often talked about the French cuisine and described the Parisian cooking schools and wonderful open-air markets. Madame, who lived in France for many years-and married a Corsicanis a culinary artist herself. She's famous for her French Onion Soup. When I told her I was planning this article, she contributed her excellent recipe. (Incidentally, the soup's rich aroma fills the house this very minute!) When Madame finished writing the directions, she added, "A good cook can tell more by tasting than by any recipe going!'
This soup has certain definite rules for proper service. If any of them are broken, no great damage would result, but, when they all are followed, this soup reaches the table in a state of perfection.

Thanks to Grandmother

Carrot and Celery Sticks
Spareribs of Pork
Rodkaal Currant Jefly
Rice Pudding
Coffee

## Hot with Curry

Scotch Broth (canned)
Meatless Buffath
Pickled Crabapples Pickled Beets and Onions
Mincemeat Tarts
Coffee

Jeannette's Onion Soup
Buttered Lima Beans Parsley Potatoes
Cabbage Slaw with Sour Cream
Dried Fruit Compote
Coffee


Preparation time: $31 / 2 \mathrm{hrs}$.
$11 / 2-2 \mathrm{lbs}$ fairly lean beef
3 qts . cold water
3 qts. cold water
3 garlic cloves, peeled
Pinch of thyme
Cut lean beef into 2 -inch pieces. Place $2 / 3$ of the meat in a big kettle; add 3 quarts of cold water. Bring slowly to a low boil. Meanwhile brown the remaining cubes of meat in a little suet or fat. Add browned meat to the kettle and simmer
for two hours. Then add garlic cloves, bay leaf, thyme, celery leaves, and salt and pepper to taste. Place sugar in small heavy pan and cook, stirring constantly over moderate heat until sugar is melted and brown (be careful not to burn), Gradually add $1 / 2$ cup boiling water, stirring constantly. Cook and continue to stir for 2 min -
utes. Add to soup stock and simmer one hour longer. Strain soup and save meat to use in hash or stuffed peppers. Place butter and salad oil in a deep skillet, add chopped
onion and cook slowly until a golden brown. Then add to the hot stock and cook a onion and cook slowly until a golden brown. Then add to the hot stock and cook a
few minutes longer. Place thick slice of hard French bread in individual soup bowls. Sprinkle the bread with grated cheese. Pour soup over. Pass extra grated cheese. Source of vitamins A, B complex
$\begin{aligned} & \text { Serves } 4-6 \\ & \text { Recipe submitted by Jane Orchard }\end{aligned}$ Tested in The American Home Kitchen



CLEMENTS MFG.CO. 6601 S. Narragansen Ave., Chicogo 38 Since 1911, So ers at your dealer's today. Learn abouł Cadillac's everlastin' mofors . . . easy-fo-use atfachments for floor-to-ceiling cleaning. See for yourself why Cadillac is "most for the money."

ne day Alison and Peter decide to do some house cleaning

Photographs and Idea by Jean Veit

1Teither a borrower nor a lender be," is still a good rule for these days, according to Alison, who was something of a borrower herself before she turned over a new leaf. One fine day, she returned all the objects that had been loaned to her over a period of years, and felt more than repaid for her efforts by the gratitude of the lenders, with whom relations had become somewhat strained. Also, at the same time, she managed to get back from them some of her own cherished objects. Nowadays, Alison is a reformed character and borrows as seldom as possible. "When I do borrow, I always make prompt returns," she says. "It's one way to stay on good terms with friends and neighbors-and to have a clear conscience." If you, like Alison, have been borrowing wholesale for years, you too have amassed a fine collection of borrowed articles-all highly valued by someone else. Naturally, you've meant to return each and every one of them, but somehow you just haven't been able to get around to doing it. Perhaps by now, some of these articles have found their way into closets and bureau drawers, and you've almost forgotten that they don't actually belong to you. That tablecloth borrowed six months ago for a very special luncheon lies buried in the linen chest; the small screw driver loaned by a neighbor has become an indispensable part of the

 ook! Just look! A hoard of prized possessions
they face fact one belongs to them! Grimly
and egg-beaters articles as books, ladders.
owners, virtuously resolve to make restitution ook! Just look! A hoard of prized possessions
they face fact one belongs to them! Grimly
and egg-beaters are still cherished by by rightful
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owners, virtuously resolve to make restitution ook! Just look! A hoard of prized possessions
they face fact one belongs to them! Grimly
and egg-beaters are still cherished by by rightful
owners, virtuously resolve to make restitution

Into the car go all the borrowed items, down to the last small book, and finally they're ready to start

t their very first stop, they are greeted joyfully by the lady of the house, who knows at a glance the reason for the visit
$T$ Tea and cakes, gratefully served by the hostess, help to renew old, slightly strained friendship. Well-fed guests vow they've reformed, will never borrow again. At least not soon!

tool box; a relative's pet picnic basket has been in the hall closet since midsummer. And then there are the borrowed books, always the most unreturnable of objects. Two, or four, or possibly even twenty volumes are gathering dust on the library shelves at this very moment.
When next you clean house, weed out all those things that belong to others, pack them in the car, and return them to the rightful owners. You can depend on it, they will be pleased! And you may be surprised to find they knew who had their favorite classic, clothesline, or garden rake.
Once your home is free and clear of other people's property, make an effort to keep it that way. Don't borrow unless it's absolutely necessary, and if you do, see that each item is returned promptly. A handy list kept somewhere in your desk will enable you to keep track of what you owe, down to the last teaspoon of sugar and pat of butter. Now's the time to check irresponsible borrowing habits-because, after all, you're not the "borrowing kind."


## MORAL: Prompt returns win thanks of

friends, sometimes merit halos, too

กan


Automatic Controls.
New Gas ranges light and cook-automatically.


Instantaneous Speed. Only Gas gives any heat you want without waiting.


Finest Results. Air- Separate Waist-High More ForThe Money, circulated Gas ovens bake broiler. Bigger-than-ever Gas ranges cost less to uniformly, brown evenly. oven with giass window. buy, operate, maintain.


Discover the same modern miracle that is making more women choose Gas ranges than all other types combined! See this new MAGIC CHEF "CP" Gas range ... and all the other "makes" built to "CP" standards . . . now at your
local Gas company or appliance store. Then for the next step in your workfree "New Freedom Gas Kitchen,"* pick a new trouble-free Servel Gas refrigerator. It stays silent - lasts longer! AMERICAN GAS ASSOCIATION


Straight from a laundry research laboratory comes this fact: The hotter the water, the whiter the wash.
And now you can get hotter water! Get it faster, cleaner, cheaper, too. Because now you can get a Ruud, the Gas water heater with the Monel ${ }^{*}$ tank and the new Ruud Temperature Dial.

Designed to keep pace with today's automatic washers, Ruud water heaters bring you all the hot water you want, hot as you want it. Ask your Gas Company, Plumber or Dealer to show you Ruud-Monel. $99.1 \%$ of owners say they'd recommend it to friends. Write for literature and report on laundering temperatures.

## 1. Get HOTTER water! With

 Ruud's new Temperature Dial, you just dial the temperature you need - down when you want it down up when you want it up... all the way up to 180 degrees for whiter white washes on wash day!2. Get it FASTER! Ruud heats with Gas - any type including LP-gas. That means quick heating, no means waiting!

## NOW you CAN





1lime was, when a young woman was not considered well "brought up" unless she knew how to mend and darn beautifully. A well-mended tear had countless tiny, even, straight stitches-an achievement which took years to acquire. Young husbands of today often mourn this lost art as they limp to work with a lumpy darned sock. This is nothing against the brides of today, just evidence that our young women are out earning their own living at an early age with no time to perfect some of the old-fashioned wifely attributes.

But, as with so many other household duties, the machine age solves the mending and patching problem. Darning is really weaving on a small scale and is the most logical way of replacing threads. One of the best and easiest ways to do this is on your sewing machine. Some sewing machine companies make darning and mending attachments which further simplify the procedure. Patching can also be done most satisfactorily on the sewing machine. We will give you directions for doing all three on a machine, and, after the first or second try, your clothing repairs will be the envy of expert Grandma.
First, let's start with darning. Best results are obtained if a darning foot is used to prevent the work from rising with the needle, as the regular presser foot is usually removed. Always lower the presser bar so there will be adequate tension on the upper thread. The sewing machine feed must be dropped or covered. In darning a stocking, first run a line of stitching around the hole, then trim away the ragged or rough edges of the hole. This keeps the darn smooth. Starting at the stitchoutlined edge, weave in the darning stitch, making each row meet the upper and lower chain of the stocking as closely as possible. The thread used should match the threads of the fabric. In mending woolen garments, the procedure is the same, only eliminate the stitching line around the tear to make the tear practically invisible. Because the presser foot does not rest on the material, you can guide it with your hands to make the stitches fall exactly where you wish. In darning a straight tear, weave stitches across tear, taking about five small stitches on each side and beyond both ends. For a three-cornered tear, first weave the stitches in line with the crosswise threads for vertical

## ELIZABETH FULLER

Photographs by F. M. Demarest Enaravings from Bettmann Archive

1. Hemmed patch for washable garments. Trim uneven edges of the hole to make a square or rectangle. Cut patch large enough to match design and weave of garment. Place under hole. Turn under raw edge of patch, baste to garment. Stitch patch $1 / 2^{\prime \prime}$ from edge. Remove bastings
2. Turn garment to right side. Clip corners diagonally, $1 / 4^{\prime \prime}$ from edge. Turn under the edges of hole, stitch as close to edge as possible


## way WE VEVD our dothes. . .


tear, and with the lengthwise threads for the horizontal tear. Cross threads at the corner for added strength. When the tear is diagonal, weave the threads first crosswise, then lengthwise. Keep the stitches parallel with the fabric grain. The pictures illustrate two methods of patching. We used a patch of different fabric than the garment so it would be more clearly visible, but it's best to use a matching patch. There are times when it is desirable to conceal the edges of a patch with darning. In this case, if matching fabric and thread are used, no matter how large the hole, it will be difficult to see the patch. Baste edges of the hole over matching, larger patch. Then on the sewing machine, weave edges of hole over patch. Take five or six small stitches on each side. Darn all four sides and reinforce the corners by crossing corner stitches. Catch-stitch patch edges on underside.
3. This stocking darner keeps the hole to be mended taut and the rest of the stocking or sock out of the way. It will help you to produce a professional looking darn. There is a larger darner, which is also flatter than stocking darner for darning holes in linens or clothing
4. A simple mending job can be done with gummed fabric mending tape and a hot iron. Trim loose threads of the tear, cut tape to extend $1 / 2^{\prime \prime}$ over edges of tear and press ( 7 seconds) tape on with a hot iron




## Limited space...smartness unlimited!

Here's a small bath that's as modern as this minute.
Note the airy, spacious look . . . the contrasting wall textures . . . the Briggs Beautyware plumbing fixtures in light, refreshing blue! And, talking about modern-these famous fixtures give you the very latest in compact, convenient, space-saving design. Plus the very latest in easy upkeep: because that glistening porcelain enamel is stainproof, those dazzling chromium plated fittings are tarnish-proof. Added attraction for the budget-minded-the price for all this luxury is modest indeed! To plan a bathroom just as smart, send for Briggs' free booklet today. Briggs Manufacturing Company, 3009-K Miller Avenue, Detroit 11, Michigan.


Modern gas and electric appliances blend with the Early American charm of this room. Mus-tard-yellow walls and ceiling are a perfect foil for the gaily colored Welsh ware and gleaming copper pans. The connecting breakfast room has one wall papered in a floral pattern, antiqued with glazing fluid. Curtains of yellow, with red peasant braid outlining the hems, are used in the kitchen and breakfast room. This wood-paneled dining room adjoins the kitchen. Complete home on page $3^{8}$.


Hence Griffith


3. The Pevere Quality ticchen
 range-she has a full view of the children in the en-
closed play yard. The window line is carried around the room by the fir plyboard cabinets that are waxed
for beauty and ease of maintenance. Gay yellow Consoweld plastic counters and back-splash are wonderful for working, 4. Ohe Mloores' hicchen
 white equipment make cooking a joy. Sliding pands
afiord kitchen privacy. Complete home on page 5 :


Dature gout heme deowatd in Anverieas Mort Deriel Cobow!
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Polbco Printed Floor Coverings Styed in Califomia. ... Ayproved by all america?


in thefirst

## REVERE QUALITY HOUSE

Consoweld Decorative Laminates add gay color and salt ' n ' pepper practicality on the kitchen counter tops and back-walls of the first Revere Quality House, Houston, Texas. Guaranteed quality, charm and livability were the requirements-Consoweld was the choice in both kitchen and bath.


Historical data by Miriam Ylvisaker: Rendering by Georgia Patterson: Designs by Elaine Smedel


ORDER PATTERN ON PAGE 119

Rosemaling is not listed in the dictionary. We know thet, literally, it means, "rose painting," but in fact respresents a characteristic type of Norwegian freehand painting. The scroll, floral, and star patterns are the fundamentals of design used in rosemaling. Their lines and shapes are exaggerated or stylized into graceful curves and forms to make complete design units. Typical colors used are bright off-shade hues of red, blue and green, usually high-lighted with yellow and white.

The history of rosemaling is rich, lengthy, and partly obscured by legend, but it was during the 19 th century in inland Norway, that rosemaling developed its most distinguished features and reached its highest peak.

One of the most intricate examples of rosemaling in days of yore, was the "Mangletre," or ironing board, which a young man would make to present to his fiancée before their marriage. When daily chores were done, the youth would spend long evenings before an open fireplace, working on his gift. Most young men of that day learned the art from their parents and decorated articles of furniture to be used later in their own homes. Bowls, trays, furniture, and walls were all graced with rosemaling.

American Home Pattern rogr contains three typical Norwegian motifs for kitchen walls and doors; or canisters, trays, and luncheon cloths. Stenciling and tracing instructions given for painting on wood, metal, and cloth.


For every floor plan, there's a beautiful Youngstown Kitchen of white-enameled steel. And the price? Wonderfully low!

## Luxury kitchens for dollar-wise people



Magnificent $66^{\prime \prime}$ twin-bowl Kitchenaider has one-piece top of acid-resisting porcelain-enamel. Giant compartments, cutlery drawer, swinging faucet, rinse spray. Save time, effort with Mullinaider automatic waste-disposer unit. Fits all Kitchenaiders. Ask for free home demonstration.

One look and you lose your heart!
And who wouldn't? Slick, smart, out-of-this-world Youngstown Kitchens are sensations that only the leader could produce. And they were made for you.
Just look at the dream features in the gorgeous, all-steel honey shown above. All the work surface you could want on two walls, with big handy cabinets to keep pots and pans above and below. In the middle, a stunning, work-saving $48^{\prime \prime}$ twin-bowl Youngstown Kitchenaider cabinet sink with an 11" extra-deep second bowl and fluted, sliding top.

Every Youngstown unit is gleaming, white-enameled steel-built to last a lifetime. Best yet, the kitchen above is only a hint of how you can arrange a Youngstown Kitchen to any floor area, old home or new.
Learn how you can own such a kitchen on a low-cost-per-month budget plan, including financing through your Youngstown dealer or local bank. Specify Youngstown Kitchens to your builder, too.
MULLINS MANUFACTURING CORPORATION
WARREN, OHIO
World's Largest Makers of Steel Kitchens


Mullinaider waste-disposer grinds away food scraps. Turn on cold water, flip Mullinaider switch, scrape waste into drain opening. Sold as extra equipment.


For easier dishwashing and vegetable cleaning-swinging mixing-faucet, speedy rinse spray that reaches all parts of sink top; deep, no-splash bowls. See your Youngstown dealer.

## SEND COUPON TODAY!

GET THIS EXCITING BOOKLET!
20 pages featuring beautiful Youngstown Kitchens in color. Full details on Youngstown a new kitchen. Enclose 10 c in cash. No stamps, please. Please send me your Youngstown Kitchen booklet. I enclose 10 c in cash.
I plan to remodel $\square$
I plan to build $\square$
I want Free Home Demonstration of Mullinaider $\square$

Youngstown Kitchens
Mullins Manufacturing Corporation
Dept. A-1148, Warren, Ohio

NAME

## ADDRESS

BY MULLINS



## 67 yearis and

 3 babies later..."A Bouquet from Mrs. A. D. Eastman of Akron, Ohio-plus facts you want to know about the only washer in the world that can put in its own soap!

"Anne, our first, at 10 months old was a full-time job. She ruled the whole household, but meanwhile the laundry couldn't wash itself. Or could it? We bought a Bendix, and - miraculously - there was time for the Baby and some left over for myself. Now, seven years and three babies later, I still bless the day that Bendix Washer came to work for us. It paid for itself long ago with the money it saved on soap and water, and it's still going strong. It does all the work, while I spend my time with Anne - the boys -- and Baby Susan." Mrs. A. D. Eastman

Now the Bendix can do an extra step-saving job no other washer can do. The secret is a new inventionthe Bendix Automatic Soap Injector.

This "almost human" feature of the newest Bendix Washers can actually put in the exact amount of soap needed to get your wash sparkling clean. So you just set the controls once-then go anywhere and do anything you want, while your Bendix soaps, soaks, washes, rinses and damp-drys the clothes all by itself.

Expensive? No-just the opposite. You can buy a Bendix for as little as $\$ 199.95$. Much less than most other automatic washers. Hardly more than an old-fashioned hard-work washer! And the Bendix is so thrifty with water and soap.

No other washer is used and wanted by so many women as the Bendix. It's the world's most popular washer. It's the only automatic washer backed by 11 years of trouble-free work-saving service.

Put a Bendix through its paces at your nearby dealer's store. Then choose the model that suits your house and pocket-book best. Bendix Home Appliances, Inc., South Bend 24, Indiana.

Models S-101 and B-201 are also manufactured in Canada and Mexico』



1dolescence, when the child starts down the home-stretch to adulthood, is a time of newfound size and strength, of growing independence, of first dates and expanding social relationships. During the years from twelve to twenty, a child must not only complete his physical growth and development, but he must learn to grow up mentally, emotionally, and socially. In order to become a mature, wellbalanced, happy adult, he must pass through these crucial years and acquire independence, good judgment, self-control, and integration with the people and the community about him.
Parents should understand that preparation for adulthood should not be put off until the child passes into his teens. This preparation for
life begins properly in the early years, and guidance for the adolescent is most effective when it continues as part of a pattern of good education and understanding begun by parents soon after birth. The adolescent period is not separate and distinct from the childhood which precedes it and the adulthood which follows. It flows naturally and rhythmically from the earlier years into mature adult life. The smoothness of transition from one stage to another depends in large measure on how expertly parents have laid the groundwork for it in the early years.
Ordinarily, puberty begins at eleven or twelve years of age for girls, and a year or two later for boys. As in all biologic phenomena, there are many variations in the time of onset and com-
pletion of puberty. Some girls may begin to show the typical changes as early as eight or nine years. With others, changes may not begin until fourteen or fifteen years. Boys, too, show these same wide variations. Since, on the average, girls mature earlier than boys, there is a period of time when the twelve- or thirteen-year-old girl may be taller and heavier than a boy of corresponding age whose adolescence has not begun.
After the gradual growth in size of the "middle-age" years, there is a sudden burst of growth, with a rapid increase in height and weight. This is accompanied by the development of the secondary sex characteristics--voice changes, new growths of hair, the taking on by the body of the configuration of adult mascu-


Underwood G Underwood

- Doing a job and being paid for it-with the right to spend earnings as she chooses-teaches economic planning, helps her toward independence


Harold M. Lambert, from Frederic Lewis

- The teen-ager needs guidance, but if every thought and decision is prefabricated for him, he will develop into a dependent, indecisive person


Ewing Galloway

- More and more the child furns to outsiders for companionship and advice. Many parents fail to understand that this is natural, a part of growth


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## EXCO

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linity or femininity. Until later adolescence, when a sense of control, poise, and balance is developed, teenagers are apt to handle their bodies in a clumsy fashion. Their posture is often quite sloppy; they bump around and handle things in a most ungraceful fashion. This is due not nearly so much to their following the teen-age fashions of the moment as it is to the dictates of their muscles and glands.
This is a period when great psychologic changes are inevitable, because the child is torn between his dependence on his family and making the most of his new size and strength. His parents are apt to be at a loss to understand why the placid, obedient child of yesteryear now resents any kind of supervision. They realize that the child is not yet able to make mature judgments, and they still want to help him do most of his planning and much of his thinking. Unwise guidance at this time will lead to many avoidable conflicts. The adolescent is trying to break away from his previous complete dependence on his parents and his family. This is not only inevitable, but it is essential if the child is to become an independent, mature, and responsible adult. He cannot learn to develop good judgment unless he is allowed to arrive at his own decisions-even though sometimes they may appear to be wrong by adult standards.

1
Teen-agers are restless and insecure, while at the same time they may unconsciously desire stability and the security they have hitherto been able to get from parents. They will waver between showing much affection to the family and suddenly demonstrating a deep aversion to it when a parent intercedes with what he considers sound, sober advice. Basically, the child wants to handle his own life in his own way as he begins aspiring to independent adulthood.

Parents who have failed to prepare themselves and their offspring for this period of relative instability are apt to discover their household precipitated into a state of unhappy turmoil and themselves caught in a siege of continuing defiance. The child, seething now with boundless, unharnessed energies, will resent many of a parent's efforts to control them.
Education for life necessarily includes intelligent teaching in many matters pertaining to sexual development. Too many children still find themselves passing through the preadult stage with inadequate or incorrect ideas on sex. Much of their information-and usually it's misin-formation-is garnered from playmates, whose own fantasies are vocalized as the last word on the subject. Such misinformation confuses the adolescent, worries or frightens him, and interferes with in tellectual and social development.

Of course, sex education should al ways be begun in the early years, when a young child's natural questions are answered casually, simply,

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and honestly. The child then develops the basic groundwork on which later information is superimposed when he is ready for it. Evading early questions sows seeds of distrust of his parents so that eventually questions cease and answers are sought from other sources outside the home.

Before bodily changes occur, the explanations for these expected phenomena should be given by father to son and mother to daughter. Many an adolescent heartache or fear can be prevented by a few minutes of parental clarification. If parents are embarrassed about discussing these matters, the family physician can help them over this hurdle.

ThThe blotchy skins and frequent pimI ples which plague so many youngsters are sometimes a source of worry and embarrassment to them. It may help to point out that skin blemishes are common at this time and that, with a moderate amount of care, they will clear up in time. In those cases which do not respond to elimination of sweets, a well-balanced diet, and good personal hygiene, the advice of a dermatologist should be sought. This is important, since the more severe cases may result in scarring and permanent disfigurement.
One way in which the adolescent can be helped to reach responsible maturity is by providing specific tasks for him to do and paying him for them at a reasonable rate. The disposition of the money gained should be left entirely to the child, for only through experience can he learn the value of money. The child who has no spending money, or the one whose parents decide how his money is to be spent, can hardly be well-prepared to do any later economic planning on his own, either when he supports himself or a family. Here again, the learning is easier if the granting of a small allowance was begun during the "middle-age" years (around six or seven).

As he grows older, the teen-ager tends more and more to go outside his family for leisure-time activities and fellowship. If parents needle him because they fail to recognize that he needs to break the apron strings tying him to the home, it probably will result in open or hidden hostility.
The teen-ager is apt to think his parents are pretty much old-hat, no matter how modern they may be or think they are. He wants his own private life, and he's entitled to it. If he gets it-from understanding par-ents-he'll profit by developing independence and heading up the tortuous road to responsible, happy citizenship and adulthood.

Note: Dr. Berenberg will answer free of charge questions on child health and behavior problems. Address him c/o The American Home, 444 Madison Ave., New York 22 ; New York. Letters should be accompanied by a stamped, self-addressed envelope.

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Eimily Seater Savcher

Looking for fun? Then make it yourself:
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Make selection to fit your group. Have a good reserve stock
Judge timing. Know when to start a new game. Relax?

Try this while your guests are still at the table, too full of Thanksgiving dinner to move. Have everyone place hands beneath the table. You, as hostess, pass them fifteen small objects in succession, which they do not see. Each player handles them, makes mental identification and passes them on. When the last object has made the circuit and been returned, players write a list of all fifteen objects from memory. A prize in the form of nuts, candy or fruit is given to the player having the largest number correct. Select items of a Thanksgiving nature, such as: apple, pine cone, cranberry, onion, turkey feather, squash, toothpick, pumpkin, grape, turkey bone, toy pilgrim's hat, turnip, jug of cider, hatchet and pine-cone turkey.
amily portraits is fun to play I providing your guests aren't overly sensitive. Grandma and Uncle Bob might have their feelings hurt if their portraits turned out a bit odd or queer. Distribute paper and pencils to guests. Each proceeds to draw player on his right, within a five minute time limit. Pictures are collected, shuffled, and passed out again. Each player in turn studies each portrait, writes on back the name


Clare McCanna of person he thinks drawing repre-
 sents and passes it on. The pictures are placed on exhibition, and suggested names are read aloud. Results of drawings as well as the guessing will prove hilarious. Award prizes for portrait showing the greatest likeness and for portrait showing the most humorous caricature.

R efresh your memory with this $\{$ historical review. Type questions ahead of time, and pass to the guests. In what month was our original Harvest Festival, now called Thanksgiving celebrated? (October; 1621) 2. By whom? (The Pilgrim Fathers) 3. Why was this Harvest Festival held? ("Our harvest being gotten in our govenour sent foure men on fowling, so that we might after a more special manner rejoyce together after we had gathered the fruits of our labors.") 4. What famous Indian

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