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How much is a child's comfort worth?

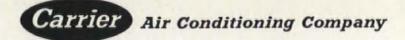
On hot, humid nights, cool comfort for a child is almost priceless. And for her family, too.

Yet surprisingly enough, only \$900 will add Carrier central cooling to the adequate forced air heating system of an average three-bedroom home.

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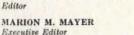
But comfort is only part of the story. Everyone eats better. There are fewer allergy reactions. Rooms stay cleaner. Entertaining is easier. And you'll get more for your house if someday you decide to sell.

Carrier central air conditioning systems are in more homes today than any other make. Your nearby Carrier dealer can give you the exact cost. He's listed in the Yellow Pages of your telephone directory. Carrier Air Conditioning Company, Syracuse, New York.



AUGUST 1961 / VOL. LXIV, NO. 8

THE AMERICAN HOME



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OUR COVER Planning to remodel? Don't make a move until you read our special remodeling section beginning on page 26. We bring case histories of 16 families who re-did their homes. You'll find ideas galore! Photograph by Kranzten Studio.

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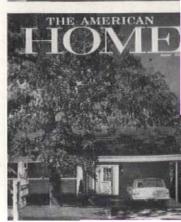
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WILL THERE BE GARBAGE CANS ON THE MOON?

It seems to us incredible that it should be *illegal* to use what many women call the most convenient appliance in the kitchen—the garbage disposer. Yet this appliance is prohibited by ordinance in at least 65 major cities across the nation.

If your community is one of these, with streets and alleys decorated with garbage cans, only your forceful appeal can put the wheels in motion to do something about it. For one thing, municipal costs of collection and disposal have more than doubled in the past ten years. How much more wisely this money might be used to update sewage and sanitation methods which in turn would make garbage disposers possible.

Garbage cans are dispensable! Communities of every size, all over the country, have proved it by passing ordinances to make disposers mandatory in new houses and nearly so in existing homes. These communities have recognized the garbage disposer as an ally in a fight for better sanitation. They've reduced the menace of rats, flies, and germs. They've converted valuable land from city dumps into municipal parks or housing areas.

Whether a city requires residents to use garbage disposers or simply allows for their use by establishing installation standards, it has made a major step forward in the fight against unsanitary conditions and disease.

Is your community one which recognizes the advantages of such equipment or are you bound by antiquated codes and laws? We are living in the space age, yet it is conceivable that the first mission to the moon could be delayed while the astronaut carries the garbage from his home before embarking.

WHAT YOU CAN DO ABOUT IT

Learn which department of your city government is responsible for ordinances on waste disposal. Form committees to review these ordinances and suggest methods of creating a garbage-free community.

Seek the advice of master-plumber and electricalcontractor associations, builders, architects, appliancedealers associations, and water and power utilities. These groups can offer protection to the home owner from the usual efforts to sell substandard materials and equipment and will insure installation under recognized standards.

In Detroit the mayor initiated an all-out campaign to clean up the city. An ordinance requiring disposers was passed, and supported by three important steps: 1. Costs of city electrical and plumbing permits were reduced, an incentive for owners of existing homes. 2. A municipal testing laboratory issued a list of approved disposers, including eight brands. 3. Easy financing arrangements were worked out with banks and the FHA.

Similar plans have been adopted by communities of all sizes from Portland, Maine, to Los Angeles County, California.

Reasons for passing such ordinances vary widely. Lodi, Wisconsin, was suddenly faced with a problem when their garbage could no longer be used as hog feed. Their choice: buy land for a dump, build an incinerator, or devise a better plan. They decided on disposers, bought by the city, sold at cost to residents, and installed at their own expense. The city handled the financing of disposers as well as servicing defective units. Purchase was optional, but with garbage collection discontinued (saving Lodi \$3000 a year), those lacking disposers had to get rid of garbage as best they could.

Jasper, Indiana, illustrates dramatically how a small town can benefit by adopting a disposer plan. It began with an epidemic of cholera among garbage-fed hogs in the area. This meant an obvious end to this garbage disposal method. Jasper chose to require garbage disposers in homes. Thus in 1949 Jasper became the world's first garbage-free community. An extensive study by the U.S. Public Health Service revealed these findings: 1. No noticeable increase in water consumption. 2. No harmful effect on sewers. 3. Noticeable reduction in rodent and fly infestation. But more important than these and other technical findings, perhaps, is the fact that Jasper has had a decline in disease since 1949!

WHY SOME TOWNS PROHIBIT DISPOSERS

Reason: Garbage disposers create an extra load on city sewage systems, since they use water, and the cost of purifying extra water-borne waste may be more than collection by truck. Fact: In most cases the only effect of disposers on any sewage system would be to emphasize existing inadequacies that need correction. Reason: Cities now trying to abate pollution of local water sources feel garbage disposers would add to pollution unless purification systems were improved. Fact: In most communities growing populations will soon require such improvements even without disposers.

Some antiquated city sewage systems simply could not handle the extra waste sludge created by a garbage disposer in every home, so they forbid disposers entirely instead of spending more wisely to provide for additional waste. Gather such facts to support your crusade for the right to use a garbage disposer in your kitchen. We're behind you all the way!



4

it's fun to live in an Open World

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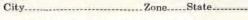
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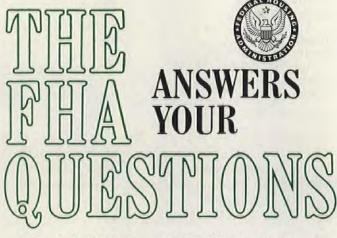
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Neal J. Hardy, FHA Commissioner

What is meant by FHA-insured home-improvement loans? What does the insurance cover?

The National Housing Act authorizes FHA to insure qualified lending institutions against loss on loans made to finance alterations, repairs, and improvements to homes and other real property. FHA has a contract of insurance with the lender, which covers all loans of this kind made on FHA terms. A loan to improve your home can be made by an insured lender in any amount up to \$3500, and is repayable in equal monthly installments over a term of not more than five years. The FHA limits the lender to a discount of \$5 per \$100 of the first \$2500 and \$4 per \$100 of the amount above \$2500. This is the equivalent of about 9½ per cent interest.

This is the equivalent of about $9\frac{1}{2}$ per cent interest. Except in special circumstances, FHA regulations do not require that you give collateral or have a co-signer on the note. On the other hand, the regulations do not prevent the lender from asking for collateral or a cosigner if he thinks it advisable.

If you fail to make the payments called for in your note, the lender would file a claim with FHA under the insurance contract, and would turn the note over to FHA. After paying the claim, FHA would continue collection on the note until you had completed payment.

Although the insurance does not protect you, the home buyer, against loss, you benefit by being able to obtain a loan on terms that are the lowest generally available for this kind of credit.

I have an FHA-insured home-improvement loan outstanding, and I have made all the payments as they came due. Can I apply for another loan to make additional improvements, or must I finish paying the old loan first?

It is possible to have more than one insured propertyimprovement loan at the same time if the total amount outstanding on both loans does not exceed \$3500 (assuming both loans are to improve a one-family home). Talk to your lender about how much you can borrow in addition to your present balance.

Is there any restriction on the kind of improvements for which I can use an FHA-insured home-improvement loan?

The law provides that the loan can be used only for alterations, repairs, and improvements that "substantially protect or improve the basic livability or utility of the property," and the improvements must be built in so as to become a permanent part of the real estate. An insured loan could be used, for example, to install a furnace or a built-in range, or to remodel a bathroom, finish an attic, or add a garage. It could not be used to build a swimming pool or a barbecue pit, or to install a burglar alarm, or a refrigerator that is simply plugged in and is easily removable. Your lender can tell you whether or not a particular improvement can be made with this kind of loan. The loan can include the cost of architectural and engineering services and any building permits that may be required.

A number of people have asked us whether a homeimprovement loan could be used to build a fallout shelter in the home. The answer is yes.

Application for the loan must be made before the work is started. You cannot obtain an FHA-insured home-improvement loan to pay for work already done.

I understand FHA has minimum-property standards for new homes. Has FHA set any minimum standards for materials and workmanship on home improvements financed with insured property-improvement loans?

No. When you finance home improvements with an FHA-insured loan, the responsibility is yours. If you have the work done by a dealer or contractor whose work and reputation you have checked and know to be good, you can be reasonably sure of satisfaction. FHA insures property-improvement loans at the rate

FHA insures property-improvement loans at the rate of more than a million a year, or an average of about 100,000 a month. It would be difficult to set standards that would cover every kind of improvement home owners might possibly make. If we did set standards, we would have to make inspections to see that the standards were complied with. The amount of the typical property-improvement loan insured by FHA last year was \$660. Even if we had the personnel to make inspections, the expense of making them would many times be out of proportion to the cost of the improvements. This would probably mean a higher financing charge to borrowers, and our aim is to keep the charge as low as possible.

If your loan is arranged through a contractor or dealer, your lender will not pay him until you have signed a completion certificate stating that the work has been completed to your satisfaction. *Read the certificate carefully, and sign it only when the work actually has been completed to your satisfaction.*

How long will it take to get a home-improvement loan after I apply?

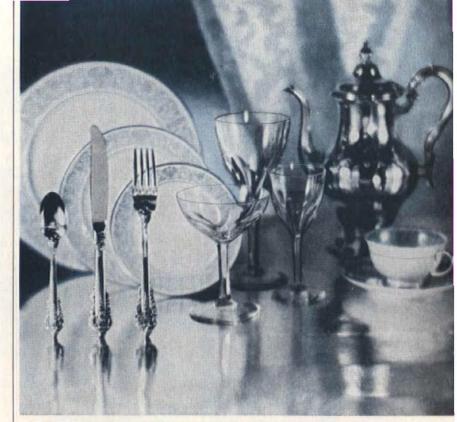
Some loans are made the same day. The procedure is very simple. Except in special circumstances, FHA does not have to approve your application. The decision is left to the judgment of the lender. If your loan is arranged through a dealer or contractor, the lender will pay him directly as soon as you have signed a completion certificate.

I have a large old house that I would like to remodel into four apartments. Could I get an FHA-insured propertyimprovement loan to pay for the work?

For this kind of job it is possible to get an FHA-insured property-improvement loan amounting to not more than \$2500 for each apartment (to a maximum of \$15,000) and to pay it back over a term of not more than seven years. The discounts are the same as those on a single-family home-improvement loan.

For example, an owner who wanted to convert a house into six apartments, or who wanted to make repairs or improvements to a six-apartment building, could obtain an insured loan for as much as \$15,000; but on a ten-apartment building the amount of the loan would still be a maximum of \$15,000.

If you have a question for this column, please write Neal J. Hardy, FHA Commissioner, The American Home, 300 Park Ave., New York 22, N.Y.



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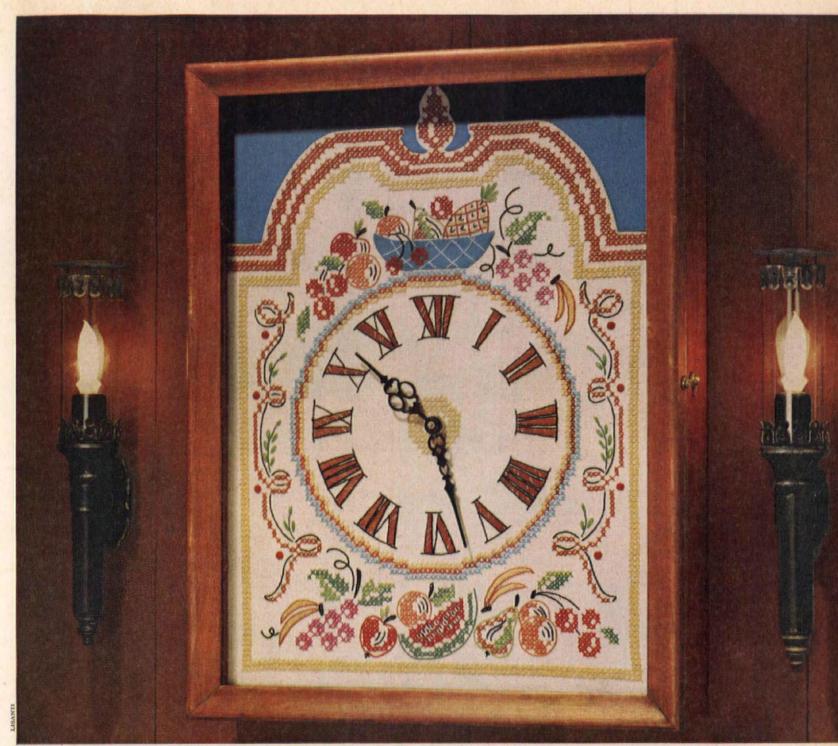
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ORGANIZATIONS!



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AN AMERICAN HOME KIT YOU CAN MAKE THIS HEIRLOOM SAMPLER CLOCK

DOROTHY LAMBERT BRIGHTBILL

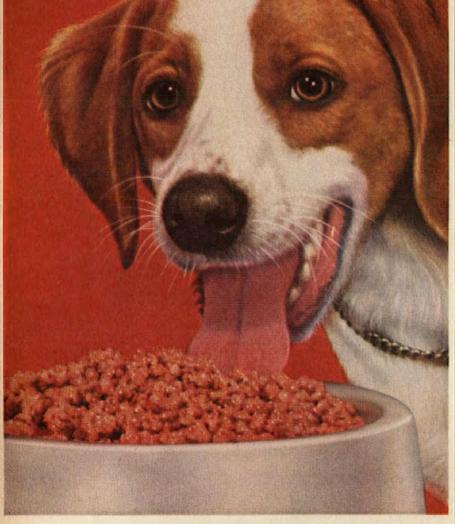
This wonderful new easy-do clock is as handsome as the day is long . . . and accurate, too. Think how many times a day you'll enjoy your handiwork, as you tell time by the big readable numerals and antiqued black hands. Stand it on the mantel or hang it on a wall—it's an heirloom-in-themaking that you'll treasure for years. Colorful fruit and numerals are embroidered on fine linen with cross-stitch. Wood frame is ready to assemble and stain or paint—all parts are presanded, and grooves and holes for screws are already in place. It's easy to install the fine electric clock movement. Over-all size is $13\frac{1}{2}x17\frac{1}{2}x3\frac{1}{4}$ ". Glass is not included. Kit #PSC-23, price \$12.98, postpaid, Federal excise tax included. (continued)



Complete kit contains stamped 100 per cent Belgian linen with embroidery thread, U.L. Approved Telechron electric clock movement, assembled front frame, easy-toassemble box frame, instructions.

ORDER FORM ON PAGE 12

When you treat the family to beef... treat the family dog to **Dard**



All the meat is beef in Pard

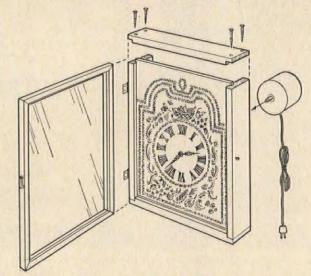


Beef gives your dog meat protein—the complete and perfect protein that builds strong, firm, healthy bodies. It's a lucky dog that gets Pard for dinner—because <u>all</u> the meat is beef in Pard. Treat your dog today to LICKIN'-GOOD PARD.

Sampler Clock (pictured in color on page 11)



Clocks have a fascination all their own and our Sampler Clock is one of the most intriguing. An antique grandfather's clock face inspired our cross-stitch design which can be embroidered in double-quick time. You'll never lack a place to put this clock for it is equally handsome hanging on a wall (as shown on page 11) or standing on a shelf, table, or chest.



Detailed drawing shows simple assembly of clock case. It takes less than $\frac{1}{2}$ hour to put together, after face has been embroidered. The front frame of case comes preassembled. Holes have been predrilled in box frame for ease in screwing it together. Stain or paint as desired (instructions in kit). Mount clock face on plywood; slip into frame. Fasten clock movement.

HEIRLOOM SAMPLER CLOCK ORDER FORM

Heirloom Sampler Clock has been designed expressly for The American Home. Fill out coupon, enclosing personal check or money order (no stamps, please). Sorry, we are unable to handle foreign orders.

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See the Yellow Pages for your nearest dealer: under Building Materials

FROM OUR MARGY WYVILL ECCLESINE



Blue skies and carefree days with a sun-soaked family of nine

Tt's vacation time. This year, especially, I many families will be touring Civil War battlefields. We came through Gettysburg a few years ago, and the children surprised me by their interest and enthusiasm. After witnessing an excellent presentation of the battle in the museum where a sonorous voice intoned, "Over here where the blue lights are, the Northerners are gathered. The red lights indicate the positions of the Southerners . . .' we took to the field. Tracy insisted on standing at the very spot where Lincoln delivered his immortal address; Johnny and Steve tried in vain to lift the heavy cannon balls; Pete wanted to pace off the entire length of Pickett's charge.

The Young Romantics:

Christy, 5, has been invited to lunch by John, also 5. Confirming the invitation by phone, John's mother reports, "He asked for pancakes, watermelonand candlelight."

ELEMENTARY

It's beach time, and we all succumb to the lure of the water, even if it's the nearest humble pond. Comes the first free day, I'm off like a shot with the picnic hamper, towels, sunglasses, mending, magazines, and books to use well my time by the side of the sea. The second time around I give up the idea of a folding chair and am just content if everyone gets in the swim and builds his sand castle without too many altercations. The third time, I'm equipped only with sunglasses and am happy to study the sea and sky, just grasping this day when the kids are well, and thanking God for all His blessings. August is so short, and man, the creature, craves comfort. Sometimes nothing matters so much to me as being warm all over.

Best Beach Gadget:

A fish-net bag big enough to hold all the pails, shovels, and plastic toys they insist on taking. Just before leaving the beach, you load everything into the net, draw the string, and swish it in the water. By the time you get home everything's dry-and sandless.

WORKERS OF THE WORLD, UNITE

They're out at dawn, three of them, digging a swimming pool. It's a hot day, and they toil with spade and shovel till they have a hole about a foot and a half deep and the same in diameter. I look out and see them out there lining it with aluminum foil. They are so earnest and elated I let them go on to the next step-filling it with water from the garden hose. Naturally, and deplorably, it soaks into the ground, but enough lies in the bottom that they can wet their feet and experience the rewards of construction.

Square Dance-1961:

The family party was in full swing when Bill asked his 14-year-old niece to dance. He thought he was doing pretty well.

"Oh dear, Uncle Bill," she sighed, "I was afraid you'd dance like a square." "What do you mean?"

"You seem to think you have to keep time to the music."

POTENTIAL SALESMAN

Johnny, 13, shows all signs of being a great businessman. After buying two pedigreed rabbits at the Gaithersburg Fair, he lost no time in seeking out the manager of the local supermarket to make a deal on selling the meat products he anticipated. He learned that the meat must be government inspected. Undaunted, he began whipping up enthusiasm among the neighborhood children to whom he is selling the young 'uns as pets. Missing: a report on whether his mother has any friends left.

Letter From Camp:

Dear Mom, I can make you a stool for \$4. Please send money. Love, Tracy

CABIN FEVER

Just when you're all set at a lake, the rains come, windy and cold. Nothing to do but dry clothes and sneakers by the smoky fireplace, and hope you've brought along enough games (a deck of cards is indispensable) to keep everybody happy while you sit this one out.



Fine stores like these sell all or most of the Lady Pepperell Fashions illustrated.









SOLO STRIPE - ever popular, yours in pink, blue, green, maize, orchid, beige.

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ANTIQUE ROSE — dainty border print on fine muslin. Pink, blue, maize, orchid



NORTHERN LIGHTS - a subtle blend of six fashion colors, this exciting stripe harmonizes with any color scheme. Don't miss out on these wonderful bargains . . . get yours today!

Awake sleepyheads! Every precious Lady Pepperell sheet is sale-priced for August! And isn't it wonderful Lady Depperell makes matching blankets too!

WHEN YOU READ LATE



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Murine is isotonic, which means that it blends perfectly with natural eye fluids. That's why it soothes so quickly, floating away discomforts of smoke, dust, glare, etc. Keep Murine handy at home, at work, in your car. Use it often to relieve that "tired eye" feeling and so relax tension.



"THE PRESIDENT'S HOUSE" is the name of the simple and inexpensive crystal stemware chosen by Mrs. John F. Kennedy for use in the White House. This stemware blends perfectly with any type of table setting. The pieces chosen are goblet, white wine, red wine, tulip champagne, and finger bowl. Individual pieces will sell at \$1 each. It is manufactured by the Morgantown Glassware Guild, Morgantown, W. Va.

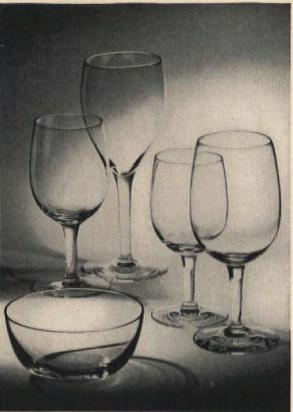
All prices are approximate



POWER BLOCK PLANE is a new whiz in the workshop. A lightweight 4½ pounds, it is designed to be held in the palm of the hand to perform a wide variety of operations, including edge planing, beveling, rabbeting, and surface planing. It can plane 2" dressed stock, and takes a 164" bite on each pass. With optional carbide cutter attachment it can be used on the toughest materials. \$54.50. Porter-Cable Machine Company, Syracuse 1, N.Y.



RANDOM WIDTHS AND RANDOM TONES make up a new flooring style by Kentile. Custom cork, pegged planks are 36" long; 4", 6", and 8" wide; and come in light, medium, and dark random tones. Polyurethane finish makes them easy to clean. Blends with Early American and traditional settings. About \$1.25 per square foot installed.



STEPHEN MICHAEL



READY-TO-INSTALL FIREPLACE is preengineered to simplify installation and guarantee smoke-free operation. It can be installed in less than ten man-hours, and can be built for as little as \$275 in any inside location. This new masonrystyle fireplace comes complete from hearth to exterior chimney housing; the intermediate chimney sections have been tested and approved. This Heatilator Fireplace looks almost exactly like conventional masonry fireplaces. This new concept in construction makes it possible for you to choose any architectural style, face masonry, or mantel design you like. Vega Industries, Inc., Syracuse 5, N.Y.

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Congoleum-Naim

At home with MARY MARTIN

JIM LISTON



"I met Richard when he was at Paramount. He was the only one who turned down my screen test; he was outvoted. After we were married, we left Hollywood and I've never been sorry." Richard Halliday, an independent producer, is Mary's manager and adviser.

Mary Martin learned to cook on a wood-burning stove, using a Portuguese cook book and dictionary. She was 4000 miles from the modern kitchen in her New York penthouse that overlooks the East River and the United Nations buildings.

"At our ranch in Brazil, near the new capital, Brasilia," she said, "we have a simple little house. We raise chickens, grow citrus and coffee. I'd never cooked a meal in my life, but I had time so I thought I'd try. I can't cook here-all those gadgets! But give me an old-fashioned stove and I do pretty well."

She said it with just a hint of Texas drawl, with the deep brown pixyish eyes of Peter Pan, and with a toss of the close-cropped curly blonde head of "South Pacific's" Navy nurse Nellie Forbush. (continued)



Twin love seats in green velvet complement gold color scheme and natural tone of oak paneling. Children's red chairs serve as accents. Mary made needle-point rug during "South Pacific."



Living room is mixture of furniture styles and periods the Hallidays like. Their dining room overlooks Manhattan. Fringe with tiny gold lights below cove molding was a Christmas decoration Mary liked and kept.

New:

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"I'm not much of a housewife," she said. "My folks had a big old house in Weatherford, Texas. But Mother ran that. And before I met Richard I lived in hotels. Richard knows more about a house than I do. His mother was a decorator he has a natural flair for it."

The decorating ability of her husband, Richard Halliday, was evident in the large (26x18') oakpaneled living room, where they sat on a green velvet love seat.

"Mary has more talent than she'll admit," he said. "She made the rug under the coffee table."

The 5x6' needle-point rug is a remarkable piece of work she did while waiting backstage during three and a half years of "South Pacific." The background and border are in gros point. Embroidered in petit point are such motifs as clasped hands, her daughter as a little girl, the home they used to own in Connecticut.

"We have a lot of clasped hands," she said, pointing to a collection of hands in gold, silver, bronze, ivory, and jade on the fireplace mantel. "It's a hobby and friends have given us many."

"When we moved in here three years ago," said Richard, "this paneling was very dark. We had it bleached. And we bleached this," he said, crossing the room to a French Provincial dining table.

"I didn't know what would happen when we bleached those Oriental tables," said Mary, "but they turned out beautifully."

The gold color scheme is carried out in a rare linen-face carpet and in cotton-and-wool Swedish net draperies, which are tied back twice—at the top with a rosette and lower with a tassel.

Mary called attention to a fringed gold valance that ran around the entire room under the cove molding. "That was something we put up at Christmas. And we strung tiny Italian tree lights in it. I wouldn't let Richard take it down; I think it's gay." (continued)

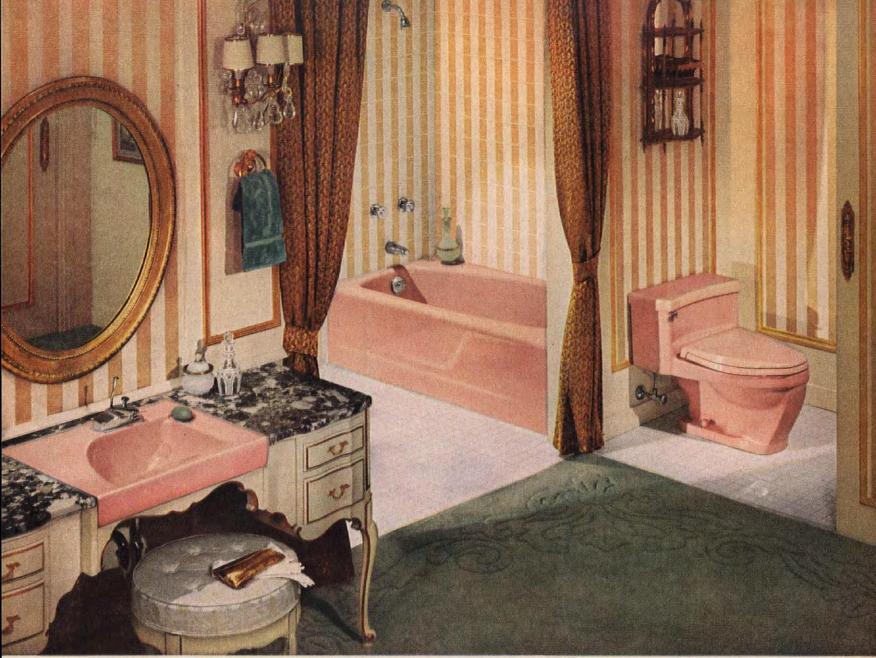


Glass-enclosed sunroom off bedroom is most used room in the house. "The view makes it a wonderful place for informal entertaining or relaxing," says Mary. "I also use it for rehearsals." Room is done in aqua and white, has vinyl tile floor in marble pattern. Mary's painted spinet piano is first she owned. She purchased it on an installment plan: "three dollars a week, forever to pay."



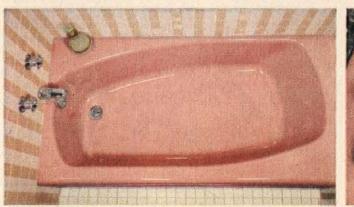


Daughter Heller's bedroom reflects her preference for French Provincial. Her father gave her free hand and she chose an old walnut bed with trundle. Christening dress hangs above block-front chest. Party dress given her by Mainbocher hangs in a frame over the bed. Paper is a French floral pattern. Mary made the needle-point cover on the chair at right. Room is gold, accented with rose and aqua.



Stars of this bathroom are the beautifully designed Contour bathtub, Sherrilyn lavatory and Carlyle toilet. All are quality products, in white and colors, by American-Standard.

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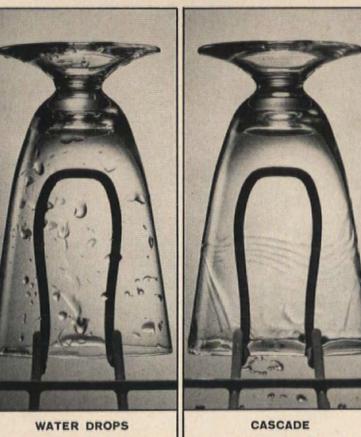
The new off-center design of the cast iron Contour bathtub forms two handy ledges, one is a shelf, the other a seat

This new single lever faucet operates at the touch of a finger to control the flow of water, and to mix hot and cold water to just the right temperature. The faucet, in a smart new design, is finished in stay-bright Chromard.

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Tapestry over bed was "something we couldn't resist buying in England." It's scaled to the huge bed that was raised to the room by block and tackle.

Walls of study are hung with pictures of Mary, and Richard's collection of Wedgwood molds.

She paused at an antique brass music stand. Resting against its base was an open violin case.

"That's my mother's violin; she taught it in Weatherford. But she couldn't teach me. She suggested that I try singing. My father, Judge Martin, used to say, 'It's all right to sing seriously, but don't take up serious singing!'

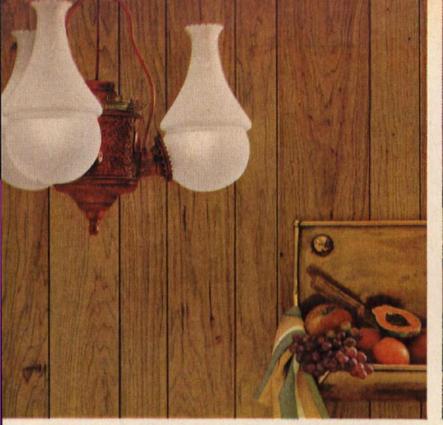
"Mary Martin is my real name. When I went to Hollywood, they wanted to call me Mary Martini or something like that, but I wouldn't have it," she laughed.

"This is Richard's study," she said, entering a room dominated by a fine Queen Anne desk. One wall, covered with natural grass cloth, was hung with pictures of Mary in some of her starring roles— "South Pacific," "Peter Pan," and "The Sound of Music."

"Mary doesn't want pictures of herself in the rest of the house, but I claim the right to have them in here," said Richard.

On a wall above the desk hangs Richard's collection of handsome Wedgwood molds. "They were being shipped to this country during the last war," he said. "The ship was sunk and these were salvaged. I discovered them in California."

"This is our daughter Heller's room," said Mary. "Richard gave her that French cupboard bed. Under it is a trundle bed for an overnight guest. Heller is at Colby Junior College in New Hampshire. She has her father's good taste; she chose the colors herself, ones especially suited to the French décor." (continued)



PROVINCIAL: PICK PECAN to provide a rich setting for simple lines. Simple, too, is the upkeep of G-P paneling. Its famous Family Proof finish requires only the whisk of a damp cloth to remove fingermarks, smudges, even crayon! TRADITIONAL: TRY CHERRY as an unexpected contrast to a lavish decor. Here is truly timeless paneling ... its rich wood beauty shielded from scuffs, scratches, wearand-tear by Georgia-Pacific's exclusive Family Proof finish.

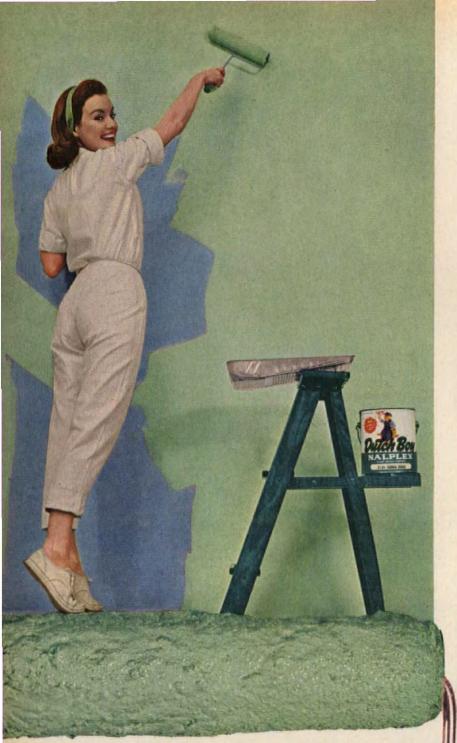
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VICTORIAN: CHOOSE HONEYTONE OAK to bring out rococo shapes and rich colors. But before you decide, see all 18 different G-P panelings with the famous Family Proof finish, ranging from \$46.00 to \$75.00 for paneling an 8' x 12' wall. MODERN: USE GREYTONE BIRCH as a beautiful backdrop for contemporary designs. If you particularly like woods with very pronounced grain patterns, ask to see the G-P line of Cottage Panelings that make a special feature of wood grain.



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Hallidays' long, narrow kitchen was given a provincial feeling with wood cabinets and a fine antique hutch displaying old china pieces. Counter tops and floor are terra cotta color.

The carpeting is gold; draperies are rose taffeta, and the paper is a floral pattern. Heller's christening dress and one made for her third birthday by Mainbocher are framed and hung on the walls.

"Mainbocher surprised me with that dress. He let Heller and her nurse in on the secret," Mary said. "Her nurse told me that the day they were going downtown on the bus, Heller asked in a loud, clear voice, 'What time did you say my fitting is with Mainbocher?' and everyone on the bus nearly flipped."

They climbed a narrow gold-carpeted circular staircase to the master bedroom. It is a bright, pale blue room with windows on all sides and a panorama of the river, lower Manhattan, Brooklyn, and Queens.

"We needed something large to balance that enormous bed," said Mary. "While we were living in London, Richard bought that tapestry. It belonged to the Duke of Marlborough. That's what the 'M' stands for; not Martin. The cherubs at the top were added by friends."

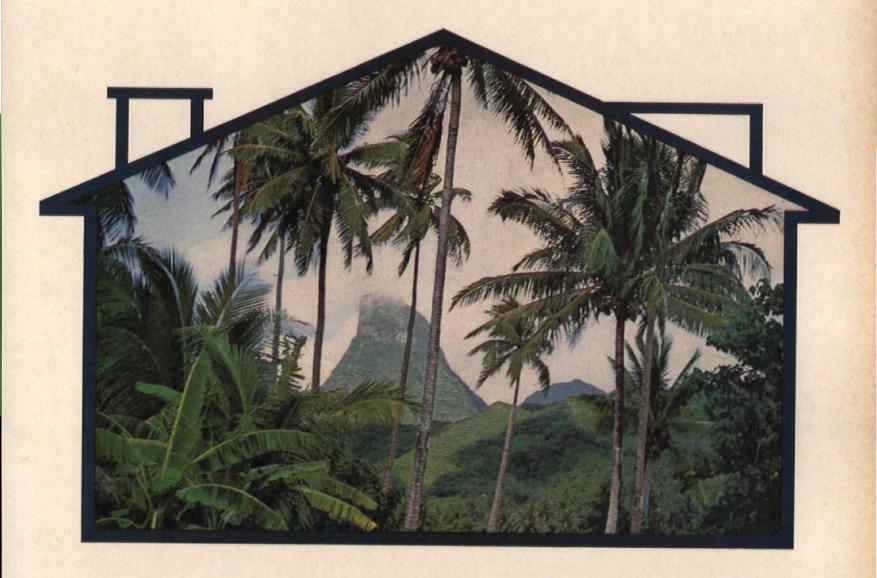
They sat in the glass-walled sunroom adjoining the bedroom. Mary uses it for rehearsing and entertaining.

What did she consider the best reward of success?

"I fell in love with an audience when I was five years old—at the Firemen's Ball in Weatherford—so it's the love and gratitude that has been returned to me by theatergoers. Children love my roles in 'Peter Pan' and 'Sound of Music.' Many of them work and save and travel long distances by bus for standing room during matinees. After the performance I go out and thank them in the lobby. It does my heart good.

"Then, of course, there's home. We've furnished 15 or 16 houses—I can't remember the exact number. Home for us is no longer just a particular place—we've lived in so many parts of the country. But wherever all of us can be together as a family, that becomes home for us right away. Maybe that doesn't have anything to do with success . . ." she paused. "But, come to think of it, maybe it does."

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DESIGNER: EUGENE PAINE INFORMATION: BEE REYNOLDS PHOTOGRAPHER: KRANZTEN STUDIOS

"Our friends said we were making a big mistake" ■ The Millard Rosseans of Springfield, Missouri, chose to remodel rather than build when they needed more space—even though they owned a large wooded lot next to their home. Why? "Because we love our home," Vera Rossean said. "That's sentimental, of course, but it was the deciding factor."

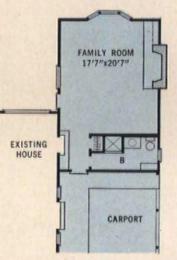
They purchased their 18-year-old home nine years ago. First came paint, new shutters, and a new fence. Then they updated the kitchen and single bath. The latest project is an addition comprising a double carport, a family room, and a bath. You can see the results here and on our cover. (For more on the Rosseans, see "Why and how we did it" beginning on page 43.)



Add space for the space age!

■ Are you at the point where you keep reminding yourself that something must be done? Is your home bursting its seams? Embarrassed when you pull into the drive? Have you put up long enough without a second bath, another bedroom, or a family room? It may be small encouragement but you're not alone!

On these pages we bring you the case histories of 16 families who have gone through the mill of remodeling. We'd like you to share their experiences and to learn some of the joys and headaches of redoing a house. We show you plans and give you cost figures. You'll see how one family stripped their house down to its four walls, how another lifted the roof off with a crane. You'll find remodelings you just won't believe! But even more important, these pages are crammed with ideas you can include in your own remodeling plans!



Rather nondescript home (at left) was purchased by the Rosseans in 1952. A step-by-step improvement program led to the addition shown in the above plan. They gained a carport, bath, and beautiful family room.

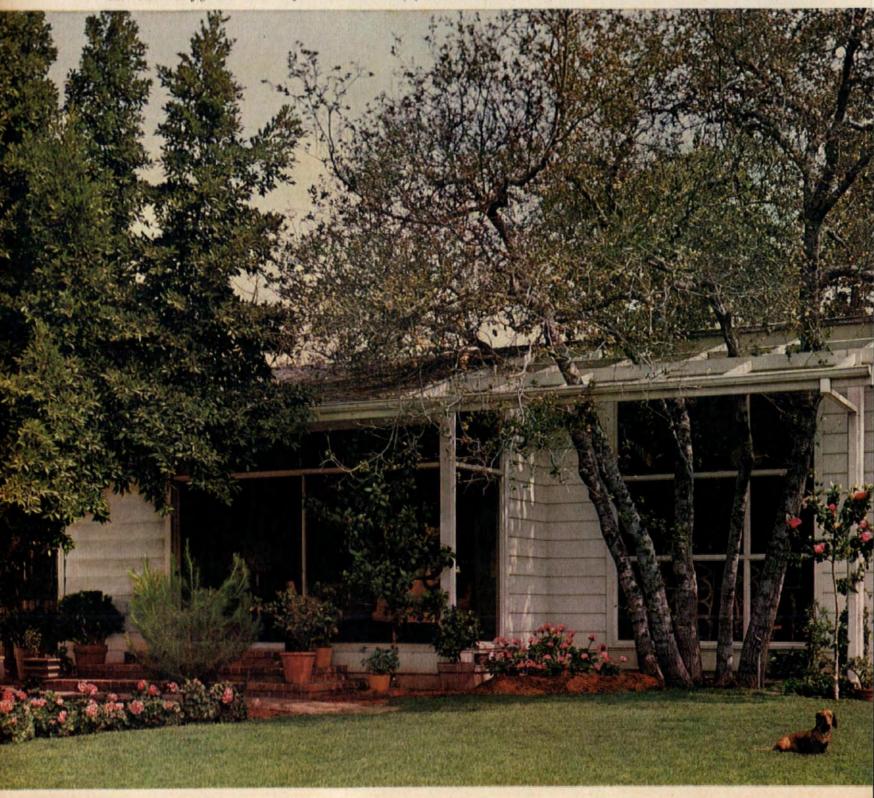
New and old were tied together by installing a completely new roof of handsplit cedar shakes. The Rosseans also moved their old single-car detached garage to the rear and converted it to a garden house and home workshop.



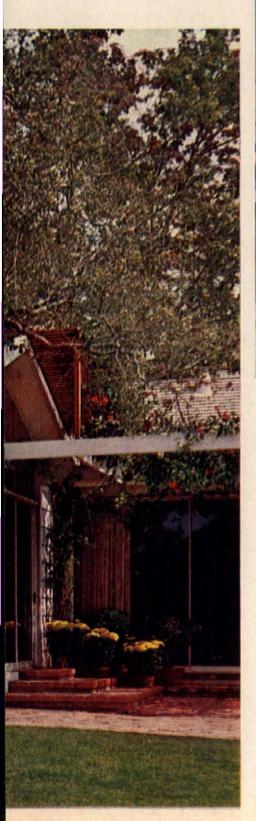
"We built a new room around our favorite oak"

■ When architect William Stephenson of West Los Angeles designed this California Cape Cod home for his family in 1939, he provided more than enough space for all their needs. Then along came Florenz, Cecelia, Bob, and Susie—not to mention Tuffy, Twinkle, and Thumber (that's Tuffy on the lawn below). Mr. Stephenson and his wife, Patricia, decided to add a familydining room around the picturesque live oak tree that had been a house gift from her mother, Billie Burke. The result is this charming, comfortable room that doesn't look "remodeled" from inside or out. The window frames the tree trunk, flowering hibiscus, and geraniums outside, as branches poke through the egg crate overhead. The Stephensons gained 800 square feet through this ingenious remodeling, and wonder why they didn't do it sooner! The room boasts a brick fireplace with large bookcase, provides ample space for the handsome custom-built dining set, a game table, even a piano. Oak flooring and pine walls contribute to its solid been-hereall-my-life air. By working themselves on weekends, the Stephensons were able to keep the cost of remodeling down to about \$15 a square foot. Perimeter heating was added for chilly days. In balmy weather, the family drifts out to the brick patio for barbecues. A great improvement, we'd say! (For more about the Stephensons, see "Why and how we did it" beginning on page 43.)

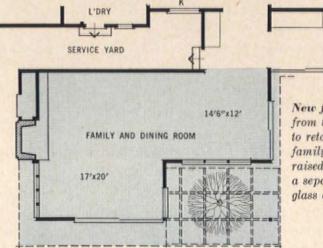
Live oak tree figured in the Stephensons' remodeling plans, when four growing children made their dining area inadequate.



Dining-room-with-a-view doubles as a family room where the senior Stephensons can entertain and the junior Stephensons can do homework and practice their scales. Clock and amber glass on table are prized family antiques.

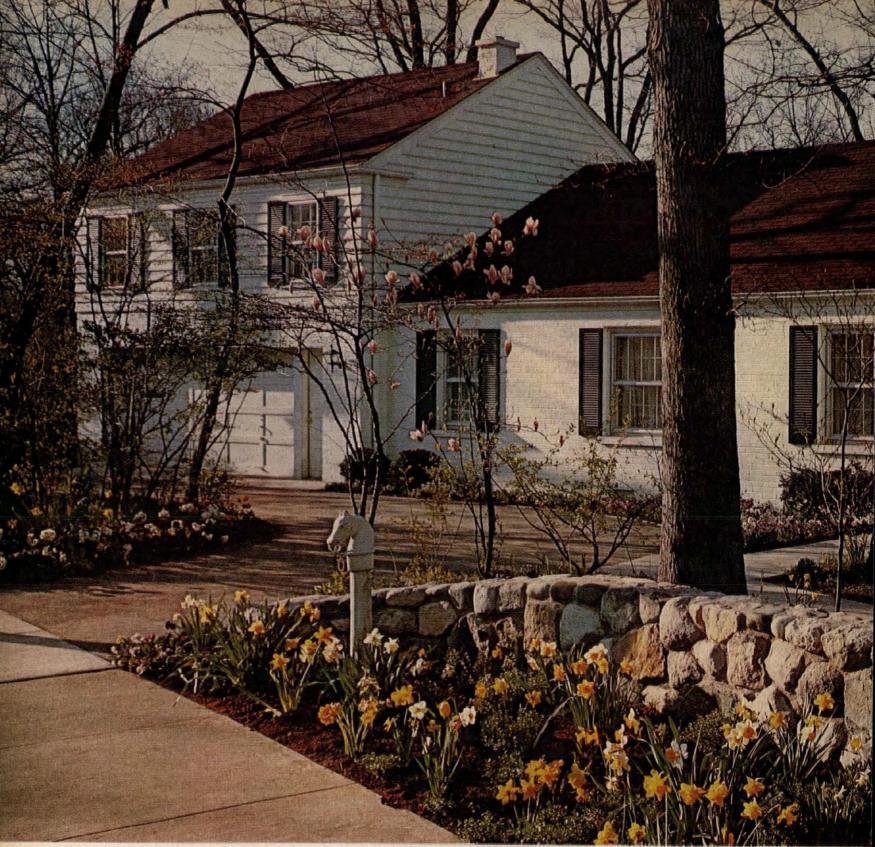






New family and dining room was set out from the kitchen and laundry area so as to retain back door and service yard. The family room has a large fireplace with raised hearth. The Stephensons installed a separate heating system. The sliding glass doors lead to brick-paved patio outside.

LIVING



Bow window replaced door of one-car garage when family-dining room was added. Mr. Atkinson, a landscape architect, designed curving wall.

"Eating in the living room was never successful"

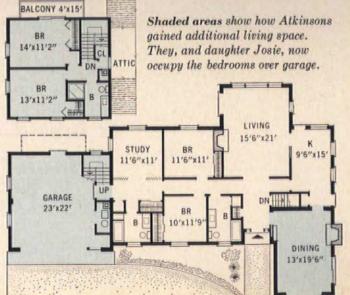
■ Like many families who built after World War II, Wallace and Betsy Atkinson of Hubbard Woods, Illinois, omitted a dining room. Their long rectangular living room (without a dining L) did double duty as an eating area. After ten years, the Atkinsons decided they had had it and made plans to convert their one-car garage into a combination family and dining room. In the same if-we-don't-do-it-now-we-never-will spirit, they also added a two-car garage with two bedrooms and bath above. The results you see here—a long, beautifully landscaped home that more than doubles the living area. (For more about the Atkinsons, see "Why and how we did it" beginning on page 43.)







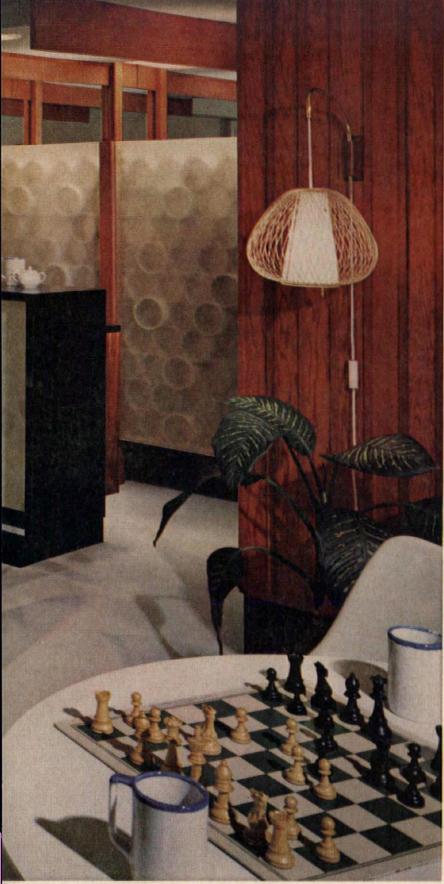
Walnut plywood walls, fireplace, and sliding doors add charm to dining room.





"It just doesn't look like a basement room" ■ A masterful job of camouflage has turned a basement into a family room with an "upstairs look" in the home of Thomas and Nancy Fischer of Colorado Springs, Colorado. The Fischers, who have three young children—Betsy, Steve, and Nancy—credit their architect who "incorporated elements which never would have occurred to us if we had tackled the project ourselves."

Several design techniques helped minimize the basement look. High windows were disguised with hinged, floor-length louvered shutters, giving the room a groundlevel appearance; and an airy, spacious feeling was achieved by using light-colored ceiling tile, light walls,



Dramatic built-in bar of walnut veneer is faced with the same plastic fabric which covers the bar stools. The decorative circle design behind the bar was created by stacking and gluing fiberboard tubes in 4", 5", and 6" lengths, then placing the tubes behind five plastic panels.

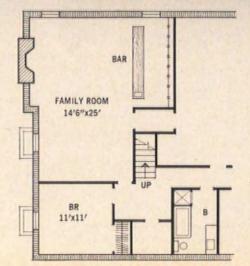
Floor-length louvered shutters, like those at right, below, make a great disguise for high basement windows. Note how a natural conversation center is created by grouping comfortable furniture around the attractive white brick fireplace.



and white floor tile. Good general illumination also helps.

This was the family's first opportunity to experiment with contemporary. The rest of their home is decorated with traditional pieces they'd inherited. "We're becoming more contemporary in our tastes," Mrs. Fischer explained, "and the recreation room is proving a good testing ground for future projects."

The room is equally comfortable for small card parties or for dancing when the Fischers roll up the rug and have a party for the local theatrical group to which they belong. (For more about the Fischers, see "Why and how we did it" beginning on page 43.)



A bedroom and bath were bonuses gained when the Fischers remodeled their basement. Large dimensions give the family room great versatility. Furniture can be drawn in for cozy gatherings or rearranged for large parties.

Shopping Information, page 89

"It took us ten years to remodel, but it's worth it !" ■ Thirteen years ago contractor Reynolds Collins and his wife Wray built the house you see on the right. To them it wasn't a simple, unfinished home in a lonely, undeveloped section of Baton Rouge, Louisiana, but the beginning of a dream. Step by step, the house has grown into the handsome, livable home below—and the city has grown out to meet them. Here's how their timetable ran: 1950—added screen porch to north wing; 1953 converted garage into a den and added a carport; 1959—undertook major remodeling, including enlarged kitchen and dining room, new brick exterior, brick walks, fences, and patio; 1960 converted screen porch into study; 1961—time to sit back and enjoy it! Says Mrs. Collins, "Sometimes you wonder if it's worth all the racket and rubbish—but now I'm so glad we did it!"



Handmade 100-year-old bricks from an old building form the first-floor exterior. Study was added to one side and carport to the other.



Like many first-home builders, the Collinses had to count pennies and cut corners. But as the family grew (Reynolds, Jr., in 1946 and Susan in 1948) so did the house. See how it looks "all grown up."

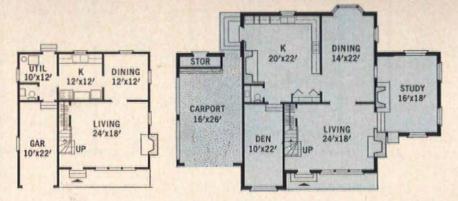




Back of the house was knocked out to extend kitchen and dining areas ten feet. Attractive brick walks were added.

Mrs. Collins is especially proud of the 16x18' study (below), with old brick wall, fireplace and copper hood. This room was formerly a screened porch.





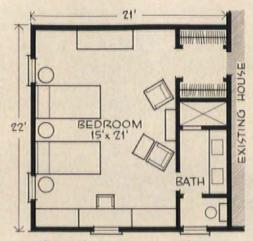
When the carpenters came to the Collinses, they stayed for ten years! But look at the space and convenience and charm that were gained. Throughout the house, the Collinses indulged their preference for fine wood paneling, oak flooring.

WARREN REYNOLDS

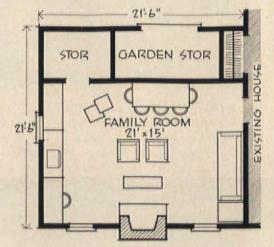
You can get complete blueprints and

Do you need more space? If so, these key additions—a bedroom and family room—may be just what you've been looking for. Blueprints are complete, so you can even do it yourself.

BLUEPRINT ORDER FORM ON PAGE 89

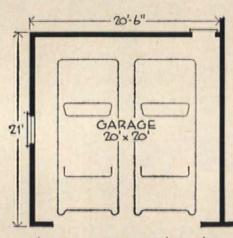


Master-bedroom unit includes a bath and large walk-in closet. The addition has been designed so stocksize lumber and materials can be used.

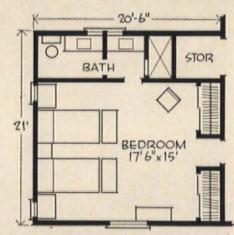


Family room provides plenty of storage. Blueprints for both units show alternate door and window placement so they can be added at rear, side, or front.

Remodel your two-car garage into

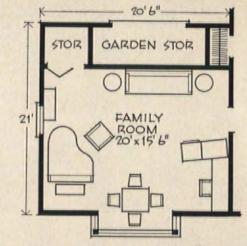


A two-car garage requires only a small amount of material and labor to turn it into a finished room. What about the cars? Add a carport!

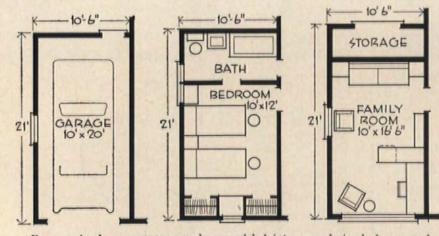


Suggested plan for converting a garage: with a private bath, it becomes an ideal master bedroom, or a comfortable and private in-law suite.

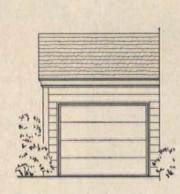
You can convert a one-car garage



Garages are naturals for family-room conversions. This plan gives you ample inside and outside storage space.



Even a single-car garage can be remodeled into a good-size bedroom and bath, or family room with outdoor storage. When used as a bedroom with bath, an extra door can be provided to the bath so that it can serve the rest of the house. This eliminates traffic through the new bedroom. If your home already has a door into the garage, the plan can be adjusted to take advantage of the existing door, with a resulting saving in labor costs.

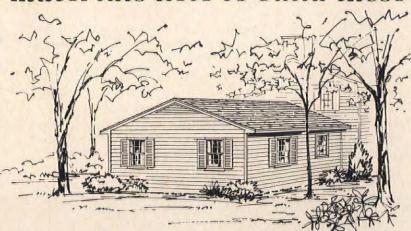


Replacement of one-car garage door is handled the same way as with a two-car garage. You can use siding, a fixed window or movable sash whichever best fits your home.



Most-common change involves installation of a doublehung window at the center of the new room, with siding at both ends. Shutters are attractive, but they are not essential.

materials lists to build these two <u>new</u> rooms

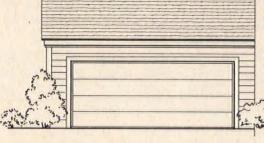


Elevations for additions are planned for either a pitched roof or a shed roof, depending on which fits in best with your own home. Plans also show how to heat the addition if your home's central system is not adequate, or if it's not feasible to extend it for the new rooms. You'll also get complete framing details.



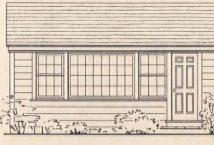
Additions like these can be financed in several ways: through an FHA Tille I home-improvement loan, through provisions in an open-end mortgage, through an ordinary home-improvement bank loan, or through your contractor or local lumberyard. If you start planning now, your new room will be completed before fall.

a bedroom suite or a spacious family room



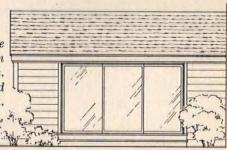
Overhead or hinged doors are removed when converting a garage. Siding, windows, or a combination of both can fill the open area.

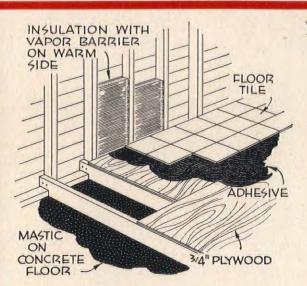
A popular arrangement is to use the space gained by removing doors for a fixed window, flanked by two movable sashes and a door.





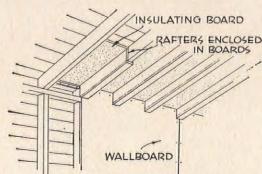
Stock-size bow window can be installed at the middle of the garage with siding added at the ends. This is an inexpensive way to do the job. Sliding glass doors are ideal for easy access from family room to outdoors. Stock units can be used with all changes shown.





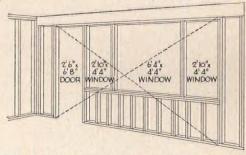
Best way to treat the floor in a garage is to put down wood sleepers and cover them with $\frac{3}{4}''$ plywood. This can serve as a base for resilient flooring or for a hardwood floor. Garage floors need this type of handling in order to provide insulation.

You can do it yourself



Ceiling can be applied to horizontal joists or the existing rafters can be boxed so they resemble beams. This provides a vaulted ceiling effect. Rigid insulation sheets are set between rafters.

> Apply roll insulation between wall studding. Use roll insulation between ceiling joists or roof rafters, or rigid insulation between rafters.



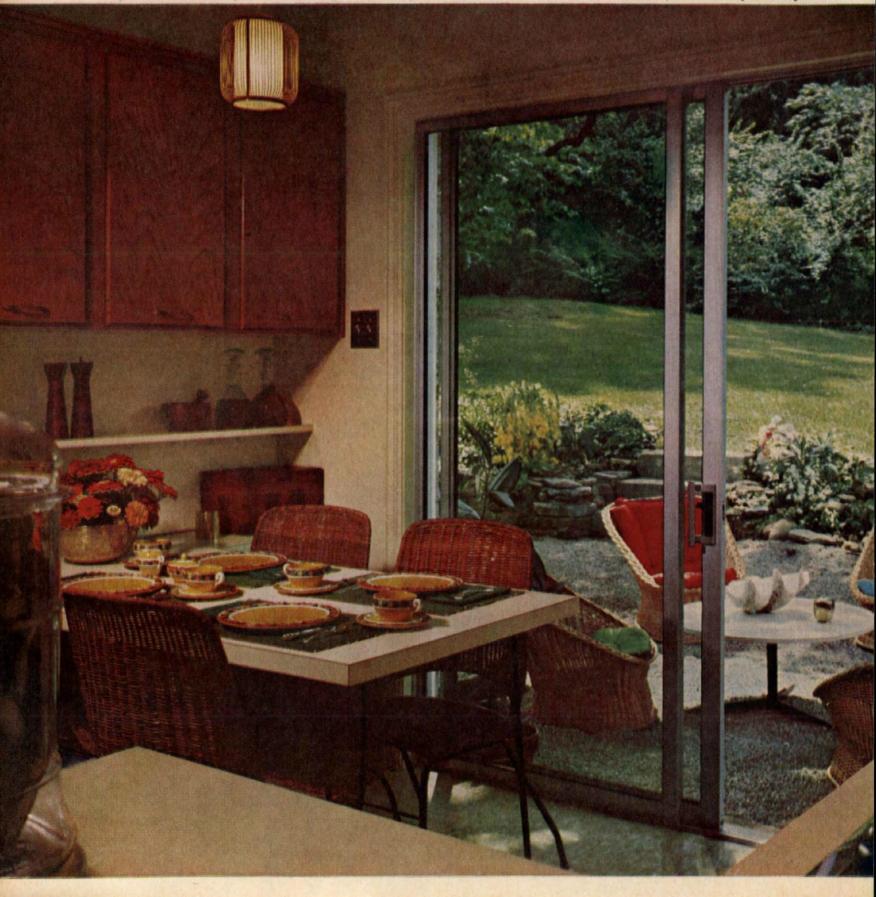
Typical framing in two-car garage conversion: here's how to replace doors with a fixed center window, movable sash, and a new door.



"Our kitchen seemed like a dark hole" ■ The Hayward Thomases' kitchen in Dayton, Ohio, wasn't really a chamber of horrors—it was just 20 years old and typical of the era in which it was built. It was U-shaped, with ample counters, twin windows over twin sinks, no cross traffic, an eating area. But the eating area was so awkwardly located, table and chairs got in everybody's way. The range stood too close to the dining-room door for safety. The kitchen was shadowy, and too far from the back yard to suit the California-bred Thomas family.

The new kitchen is as different "as night and day" from the old. A glass wall with sliding door made a dramatic change. The inside is twice as bright, the outside twice as accessible. "Now I can work and watch the children,"

Simple structural change makes a vast difference. New glass wall, same width as old over-sink windows, makes dining area brighter.



says Mrs. Thomas, mother of David, eight, and Steven, four.

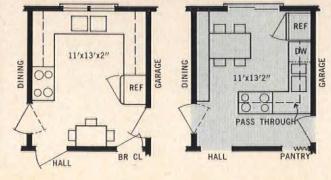
By converting her work area from a "U" to a step-saving "L," Phyllis Thomas lost some counter space, but gained a great deal of working convenience. A dishwasher now reduces counter clutter, and the new table is in a position to double as an extra work surface. (continued on page 83)



Once a model of efficiency, this dated kitchen left much to be desired. Access to back yard was through this door, via garage, and all traffic wound around table and chairs. Remodeling (below) created a more compact work center with new table just steps away from range and refrigerator. Pass-through near door is handy for bringing in groceries.

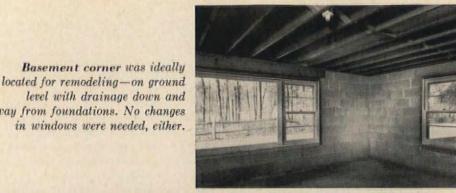


DESIGNER: THOMAS G. ERNST PHOTOGRAPHER: KRANZTEN STUDIOS



Ideal at first glance, the old "U" plan involved long walks from work centers to table. New "L" with dining peninsula simplifies meal preparation, clears traffic lane from garage (right) to rest of house. Range is still handy to dining room (left), but change in its location reduces the safety hazard.





Basement corner was ideally

away from foundations. No changes in windows were needed, either.

Transformation is complete from floor to ceiling. Floor is laid with yellow tile and brown divider strips, both of vinyl (installed with a waterproof cement over basement slab). Ceiling is acoustical tile, which is attractive, easy to install, and minimizes noise coming from the playroom. Bunk beds were constructed of plywood, stained brown.



After version of the picture at the top of the page shows what can be done with fairly uncomplicated materials and some basic carpentry. Only custom-made items are window shades of beige fabric with red trim. Cabinet and desk tops are yellow plastic laminate. Shelves and cabinets are of plywood, wall paneling is wood-grain-finished hardboard. Shopping Information, page 89

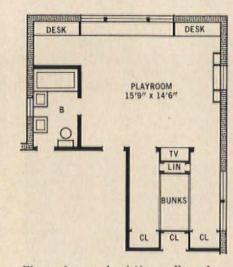
Now the boys have room to play, and I have time to relax "

Take two active boys who need room to play, a quiet spot to do their homework, and storage space for an ever-growing number of clothes, books, and toys. Add this mixture to one inadequately sized bedroom, and you have the same problem the Slockbowers faced with their two sons, Jimmy, eight, and Stephen, aged four.

The problem was solved by putting new life into a drab corner of the Slockbower basement. With several inexpensive partitions, new floor and ceiling tile, and a station wagon full of plywood and prefinished hardboard, the Slockbowers transformed their unused basement space into a colorful, sunny room for the boys.

"The boys are very happy with their new room," Pat says, "and I'm happy that I have an extra bedroom upstairs to keep tidy for guests. Also, I feel better about Jimmy and Stephen having a real place to play indoors. I always felt bad about scolding them for leaving toys scattered in their bedroom upstairs. Now I let them leave a reasonable number of toys in the playroom, as long as they keep the bunk rooms clean, and their beds made."

As you can see from the plan below (and the pictures), they made the basement into a compact room that includes a 15'9"x14'6" play area, storage space for the needs of growing youngsters, a bathroom of their own, a desk for each boy, and cleverly designed bunk beds. The beds are built on a double-decker principle, yet they're both made private by the simple addition of a sheet of plywood to one side of the lower bunk and the opposite side of the upper.



Floor plan used existing walls and windows to good advantage. Note clever use of space adjoining bunks which provides two dressing areas.



Teen-ager's world centers around the telephone. Here, Lyn Johnson is busy making plans with the approval of her friend, Jeffi Williams.

"To Lyn with love" ... a teen-ager's dream come true ■ Mr. and Mrs. C. W. Johnson of Springfield, Missouri, gave their daughter Lyn a Christmas gift she'll never outgrow—a suite of rooms all her own. And they did it in the attic of a typical one-and-one-half-story Cape Cod home. Lyn's father, a newspaper editor, planned the gift from the time the Johnsons purchased the home. In fact, he drew up the rough plan himself, then consulted a designer. (continued on page 89)



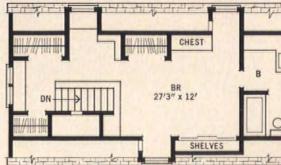
School work is no problem when there's a specially designed area for it. Space in the front dormer was an ideal location since it provides natural light. Built-in desk houses a typewriter, has plenty of space for Lyn's school supplies.



Dressing table sits at one end of the blue, while, and pink bathroom. Drawers hold all Lyn's cosmetics. Reflected in mirror is bathshower enclosure, surrounded by white ceramic tile.

Storage areas everywhere fit the specific needs of a teen-ager—such as space for a variety of bouffant petticoats. Stuffed animals are part of a collection Lyn started as a child.





Every inch of space was used in planning the room. Skeleton plan was mapped out by Lyn's father.

DESIGNER: OLYN G. ELLISON INFORMATION: BEE REYNOLDS PHOTOGRAPHER: KRANZTEN STUDIOS



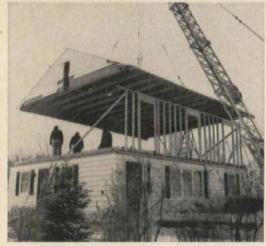
Modest frame house looked like this when the Charles Wades built it in '54. The house soon became too small for a family of four.



Workmen steadied roof with guy ropes. Meanwhile carpenters tilted up the side walls and a bricklayer extended the chimney.



Second-story addition was accomplished by renting a crane with a 70' boom to lift the roof and replace it on the new addition.



Three hours later the crane lowered the roof onto the side walls and it fitted perfectly. The rental of the crane cost only \$125.



The crane hooked on at 10 A.M. and lifted the roof ten feet. Side walls were assembled and ready on the attic floor before crane arrived.



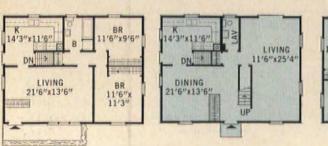
By nightfall the men had the sheathing up on three sides. They left one end open to bring in bathroom fixtures, covered it with plastic.

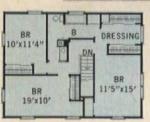
KRANZTEN STUDIOS

"My husband and I raised the roof?"

■ In 1954 Charles and Martha Wade found a 50-foot lot in an area of fine homes in Aurora, Illinois. They built what they could afford at the time—a singlestory, two-bedroom cottage. Their two boys shared a bedroom, but they were crowded. In addition, Martha Wade wanted a dining room. They never considered moving or building a new home because they loved the neighborhood.

The Wades thought of adding a wing but decided to expand upstairs. One builder said he could save about \$500 by lifting the roof with a crane and replacing it on the new second story. (For more about the Wades, see "Why and how we did it" beginning on page 43.)





Two-story home now has three large bedrooms and bath upstairs. The Wades converted the two old bedrooms downstairs into one large living room. The living room became a dining room. Former bathroom downstairs was changed to a half-bath. The Wades also gained a new attic that is reached by folding staircase. Originally, the house had 884 square feet of living area. It now has 1768 square feet.

Startling change: When the Staleys bought their house four years ago (below) it was similar to most development houses. It had a lawn and a few saplings but no privacy. High planter wall (foreground of right photo) solved the privacy problem. Raised lawn (of U-3 Bermuda grass) is bordered by railroad ties.

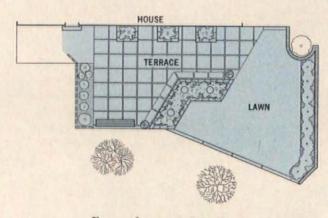


"Our theme song: One step at a time"

■ The S. J. Staleys of Springfield, Missouri, say the fun they get from their patio more than makes up for the three years of work that went into it. Starting with an almost bare yard in a new development, Norma and Joe Staley planned and built one of the most original and attractive outdoor living areas we've seen.

With only weekends available to build the patio, Joe knew he had to have a master plan which detailed each phase and operation and also located each of the plantings. "Make your mistakes on paper," he says. "It's cheaper that way."

From the first step of leveling the grade with fill to the last step of furnishing the patio, their neighbors wondered if they could do it. The Staleys proved they could with a "grand opening" party for 35 persons. (For more about the Staleys, see "Why and how we did it" beginning on page 43.)



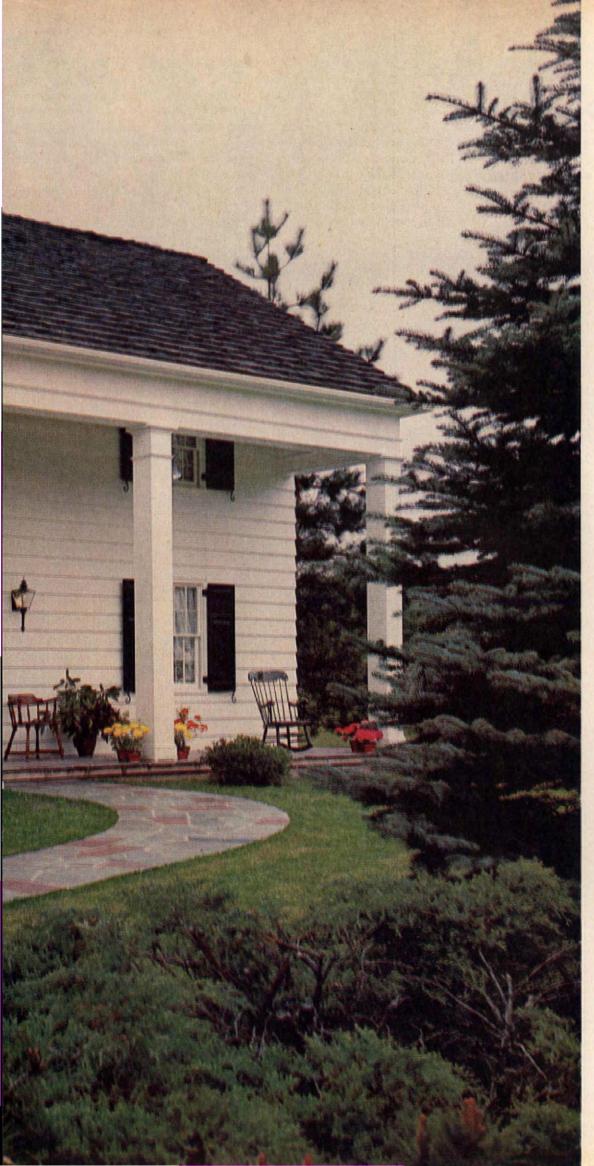
From plan to finished patio: Just about everything has been included to make this outdoor living area functional as well as beautiful. Storage bench along planter wall is supported by angle irons inserted between the bricks. Total cost of the patio was about \$1100, including everything from plantings to concrete.



FORMATION: BEE REYNOLDS PHOTOGRAPHER: KRANZTEN STUDIOS







Remodelings we couldn't believe!

■ With most remodelings, it isn't too difficult to see a faint resemblance between the "before" and the "after." But some are beyond belief! When we ran across the home of the Bathursts of Tyrone, Pennsylvania, we could not only not believe our eyes—we thought somebody had goofed with the pictures!

The truth is, the Bathursts *did* transform their simple Cape Cod into this charming Southern colonial. They also enlarged every room in the house at the same time. Here's how it happened:

The Bathursts built their home back in 1939 on a quiet street in Tyrone. The house was well built and more than adequate for the Bathursts and their two small daughters, Josie and Barbara.

Then, as so often happens, Rex Bathurst was transferred to New York. Feeling they would return to Pennsylvania, they decided to rent. When they did come back, they remodeled as you see here. (For more about the Bathursts, see "Why and how we did it" beginning on page 43.)



First this: The Bathursts built their present home—originally a six-room Cape Cod—in 1939. Then Mr. Bathurst was transferred.



Next this: The Bathursts moved into this Southern colonial in Westfield, New Jersey. They loved it so much they decided to remodel their first home to look just like it when they moved back to Tyrone, Pennsylvania.

And now this: The original Cape Cod was transformed into this lovely home by removing garage and extending the house proper. Dormers were removed, roof line raised to allow second-floor windows to be relocated. Two-car garage, bedroom, and bath were added to rear. F. M. DEMAREST Remodelings we couldn't believe! (continued)

Fantastic? From California ranch to Japanese contemporary ■ A pleasant Japanese-style home is a far cry from a so-called California ranch. But that is the transformation wrought by Mr. and Mrs. Joseph Pegg of San Gabriel, California. The Peggs needed an additional bedroom and bath for their older daughter Jodi. They decided to add on top, doing it in such a way that the house would not stand out as a two-story home in a neighborhood of one-story houses. This was accomplished by placing the bedroom toward the rear of the house, back from the slope of the gabled roof.

To achieve the new look, the Peggs added redwood siding and areas of stucco, and reshingled the roof with heavy shakes. (For more about the Peggs, see "Why and how we did it" beginning on page 43.)





Before remodeling, the Pegg home lacked privacy from the street. Living room was dark in spite of bay window on porch. The Peggs bought the house 20 years ago for \$5500. Since then, they have added a bedroom and family room and remodeled the kitchen. Latest face lift cost \$14,000.

> Second-floor bedroom and a complete remodeling of the exterior were the final steps in transforming a two-bedroom cottage into a family home. Bay window was replaced with a large section of glass. Small Japanese garden and screen give privacy. Window in master bedroom was removed and this area covered with stucco.



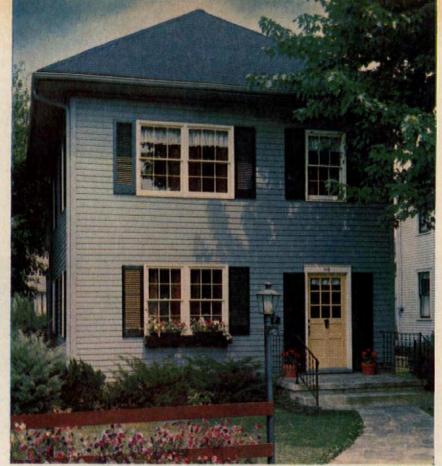
Remodelings we couldn't believe? (continued)

A simple face lift did it

■ It's amazing what a few changes can do for a house. Take a look at what the Arthur Wards of Russell, Kentucky did. It wasn't hard to turn the outdated facade of their house, below, into the trim attractive one at right. Removing the old porch and substituting shorter windows with shutters modified the height. To add to its bright new outlook, the house was painted gray with black shutters, white trim, and a yellow door.

The Wards were determined to spruce up their old house. "The weather was the biggest problem," says Mrs. Ward. "The day we removed the front to put in the windows it snowed. We put up a canvas and went to bed early to keep from freezing."





KRANZTEN STUDIOS

The \$3000 house that's now worth \$35,000!



■ The home of Ruth and Howard Douglass of San Gabriel, California, served them well for 20 years. But as Mr. Douglass' business grew and the need for a place to entertain became a necessity, they looked for another place. What they wanted cost at least \$50,000. Since they'd paid only \$3000 for their house, they took a second look and decided to make it over. They built a swimming pool with a cabana that would serve not only for entertaining but provides sleeping space for guests. Later they remodeled the exterior and interior. Total cost: \$30,000. They've since had an offer of \$35,000.



OVALL-REUTER

The new facade included replacement of the front porch with a gabled entry. Window sections were elongated and double-hung sashes replaced with jalousied windows. Redwood siding was added to original stucco, which was painted to blend.



Stone planter extends across the front, softening the geometric lines. Cost of remodeling was over \$25,000, not including the pool.

All but starting from scratch

■ When the Robert Brauns of Los Angeles, California, decided to redo their little Spanish house, they stripped it down to three walls and the foundation. The whole front was rebuilt and a brand-new roof of golden colored rock substituted. The sloping roof line is reflected inside by sloping ceilings, adding a feeling of spaciousness. The Brauns relocated all the rooms and substituted a family room for the dining room. The new family room at the rear faces a new swimming pool. Says Robert Braun, "The only thing I didn't have to get was a new building permit!"

You'd never recognize it!

■ The C. N. Jennings of Muleshoe, Texas, built the seven-room frame house 15 years ago. With a large family and six grandchildren to boot, they decided to add a large one-story wing. To give the house a unified and pleasing design, they faced the whole first floor with brick, added boardand-batten panels to the upstairs portion, and extended the porch roof across the front of the house as an overhang. With the new wing, the Jennings gained a combination living and dining room, a den, an oversized kitchen, a bedroom, and a bath.





57

Amazing change included removal of outside stairway and the addition of one-story wing. Brick facing ties new and old together.





All the brilliance of summer will still be with you next winter if you dry your flowers for arrangements like this! Roses, hydrangeas, cockscomb, all the perennials, annuals, and foliage in your garden can be preserved in their full beauty. DOROTHEA THOMPSON

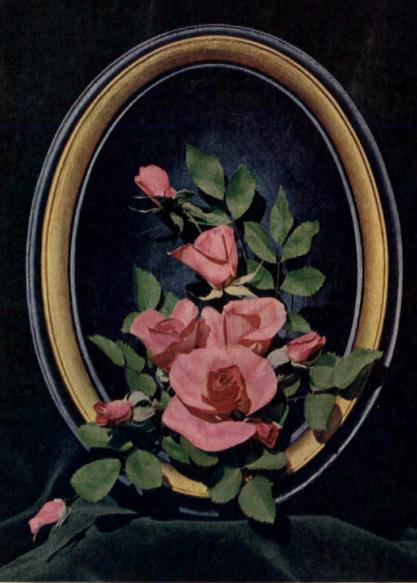
NEWEST, EASIEST, BEST WAY TO DRY FLOWERS!

"They can't be dried flowers. They look so fresh and alive." That's what everyone says who sees them, and perhaps you've been thinking so as you've looked at these pictures. But they are dried flowers, and not one is less than eight months old.

You can get the same results. They were dried with a chemical compound called silica gel. It's a harmless granular material that's sometimes enclosed in cereal and potato chip packages to maintain freshness. It absorbs moisture quickly and thus, when packed around flowers, removes the water from them without changing their color or form. So instead of producing the usual washed-out, half-shriveled look of dried flowers, it leaves them with all the freshness of form and brilliance of color that you see here. (continued on page 88)



A dried arrangement that looks fresh. You can be sure of this with the silica gel method of drying flowers. These marigolds and laurel leaves took one week to dry, will last indefinitely, and with their tape-covered wire stems were easier to arrange than fresh material.



But can you really dry roses? Here's your answer! With ordinary methods, roses are difficult to dry and usually take on a washed-out, partly shriveled appearance. But with this new method there just aren't any difficult flowers.

JUNE M. TOWNE and Foods Staff

YES, YOU CAN

THE REAL PROPERTY OF

I f your idea of home canning is a sweltering kitchen filled with steaming wash boilers, bushels of fruits and vegetables, messy paraffin, and thousands of jars—it's time to change your mind! Canning can be easy and rewarding. Our first suggestion is that you do not try to reap a whole harvest at a clip. Process in fairly small quantities—a few jars each

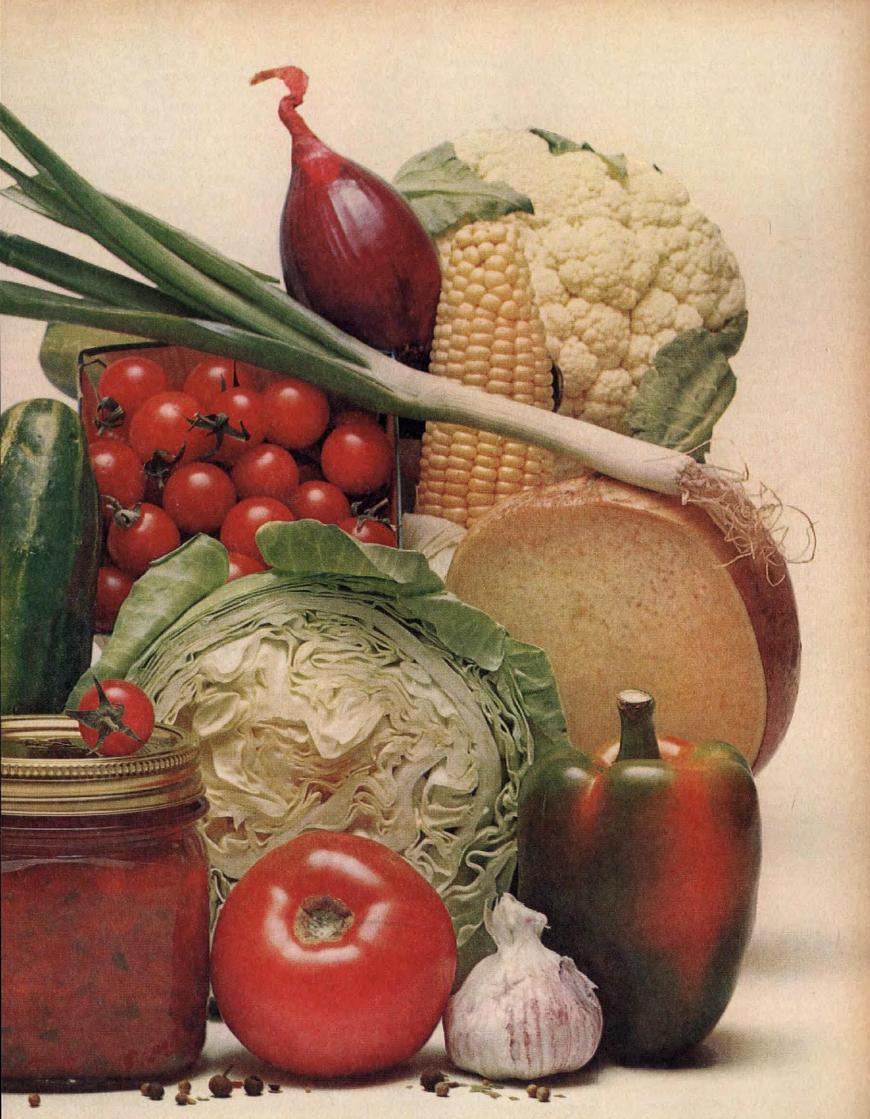
day or week—as things ripen in your garden or as soon as they appear in the market. You not only remove the drudgery of canning—you get a wider variety.

And if you do process in small quantities you don't have to invest in giant-size equipment. For example, you can process small jars (pints and half pints) in your pressure cooker provided the pressure can be kept at 10 pounds.

Many recipes—jams, jellies, (continued on page 62)

 $Home\ canning\ can \ be\ a\ pleasure!\ Perched\ on\ top:\ Pickled\ Cherry\ Tomatoes\ and\ Green\ Onions,\ Pickled\ Vegetables.\ Bottom$

and the second and a second and a



row: Tomato Chutney, Pickled Stuffed Peppers, Home Canned Tomatoes, Special Red Chili Sauce. Recipes on page 62.

conserves, marmalades, preserves, and relishes—are canned by the open-kettle method. They are cooked in an uncovered kettle and poured boiling hot into hot jars. Each jar should be sealed before filling the next one. No processing is needed because these foods contain a large amount of sugar or vinegar, which acts as the preservative and prevents spoilage.

COLD- OR HOT-PACK CANNING

The cold-pack method is recommended for most fruits and for tomatoes. Put the food in the jar raw or cold, then add hot liquid syrup, water, fruit juice, or whatever the recipe calls for. Process the jars in a boiling-water bath or pressure cooker.

When foods are canned by the hot-pack method, they are given a short precooking, put in the jars boiling hot, then processed immediately either in a boiling-water bath or in your pressure cooker.

PROCESSING

Processing is the cooking of jars of food in a boiling-water bath or steam pressure cooker.

The *boiling-water-bath method* should be used for fruits, tomatoes, and other acid foods.

Any large kettle may be used, but it must be deep enough for the water to cover the tops of the jars by at least one inch. This kettle should have a rack in the bottom and a cover. Be sure the water is boiling when the jars are immersed. Remember, it will take some time for this amount of water to boil, so start early.

Jars should be spaced on the rack far enough apart to allow the water to circulate freely around each jar. The temperature may drop after the jars are immersed, so do not start counting the processing time until the water reaches a full rolling boil. Keep water boiling all during the processing. Add more boiling water, if necessary, to keep level of the water above the jars at all times.

When time is up, remove jars from kettle and set on several thicknesses of cloth, 2-3" apart, in upright position. When jars are cold, remove bands, test seal, label, and store in a cool dry place.

All low-acid foods should be processed in a *steam pressure cooker*. This is the *only* method of canning in which you can reach a temperature high enough to destroy, within a reasonable time, spores of bacteria which cause spoilage.

The pressure cooker should have a rack, a steam-tight cover, petcock, safety valve, and an accurate pressure gauge.

As each jar is filled and capped, place it on the rack in the cooker containing the amount of water recommended by the manufacturer. Don't allow jars to touch each other in the cooker. Place on heat, fasten cover securely, and proceed according to the manufacturer's directions. After processing is completed and cooker is opened, remove jars and cool on layers of cloth as recommended under the boiling-water method.

PREPARING THE JARS

Whatever the method of canning you use, be sure the jars, rubbers, and lids have been washed thoroughly. Jars for processed foods steam-pressure-cooker or boilingwater methods—do not have to be sterilized. Jars, rubbers, and lids for open-kettle canning should be sterilized before they are used.

To assure success in canning, use strictly fresh, sound produce at its most perfect stage, suitable for table use.

All old canning books contain unreliable information. For new ones contact the manufacturers of canning equipment and the U.S. Department of Agriculture.



HOME CANNED TOMATOES

Preparation time: 30 min. Processing time: qts. 45 min., pts. 35 min.

10 lbs. (24-30) firm, ripe, medium-sized tomatoes; salt

 Be sure tomatoes have no decayed or soft spots, fresh cracks, or fungus growth. Wash tomatoes; scald a few at a time in boiling water about 1/2 minute to loosen skin; dip in cold water. Remove core; slip off skin; trim off any green spots. Leave tomatoes whole or cut into halves or quarters. Pack into hot clean jars; press tomatoes until juice fills spaces; leave 1/2 inch head space. Add 1 teaspoon salt to each quart, 1/2 teaspoon to each pint. Run knife between tomatoes and jar to remove air. Seal jars. Place in boiling-water bath; process at boiling 45 minutes for quarts, 35 minutes for pints. Take jars from canner. Let stand about 12 hours. Label and store. Makes 4 quarts or 8 pints

PICKLED STUFFED PEPPERS

Standing time: 24 hrs. Preparation time: 30 min. Cooking time: 10 min.

24 large, firm green peppers; 1 c. salt; 4 qts. cool water. Syrup: 2 qts. (8 c.) vinegar; 2 c. water; 1 c. sugar; $1\frac{1}{2}$ tbs. mustard seed; 1 tbs. salt; 1-in. piece stick cinnamon; $1\frac{1}{2}$ tbs. celery seed. Stuffing: 2 qts. (8 c.) finely shredded cabbage; 2 cucumbers, finely

HOW TO CAN VEGETABLES

chopped; 4 red peppers, finely chopped; 4 medium-sized onions, finely chopped; $\frac{1}{2}$ c. grated horseradish; $\frac{1}{4}$ c. salt; $\frac{1}{4}$ c. mustard seed; $\frac{1}{4}$ c. celery seed

• Wash and drain peppers; cut slice from top; remove seeds and white membranes from peppers. Make brine of 1 cup salt and 4 quarts cool water; place peppers in brine. Let stand 24 hours. Rinse and drain. Combine ingredients for *Syrup* in large saucepan; bring to boiling. Mix *Stuffing* ingredients thoroughly; fill drained peppers with mixture; pack into hot quart jars. Pour boiling syrup to within ½ inch of top. Seal jars. Label and store. *Makes 8 quarts*

SWEET PICKLED CHERRY TOMATOES AND GREEN ONIONS

Preparation time: 30 min. Cooking time: 30 min.

5 c. sugar; 4 c. vinegar; 4 c. water; 1/4 c. whole pickling spices; 1 tbs. dill seed; 2 tsp. salt; 1 qt. ripe cherry tomatoes*; 2 bunches green onions

• Combine sugar, vinegar, water, pickling spices, dill seed, and salt; bring to boiling; turn heat to medium; simmer 5 minutes. For decorative jar: spear tomatoes on long cocktail pick (heat-proof); arrange spears in clean, hot, pint jar (about 4 spears will fit pint jar). Peel and parboil green onions; arrange around tomatoes. (Or: fill jar with tomatoes loosely; slice onions and add. More tomatoes are needed for this method.)



Pour boiling hot syrup over tomatoes to within $\frac{1}{2}$ inch of top of jar; seal at once. Process in boiling-water bath for 30 minutes. Label and store.

*Ripe, peeled, quartered tomatoes may be substituted. Makes 5 pints

SPECIAL RED CHILI SAUCE

Preparation time: 45 min. Cooking time: 1½ hrs.

12 medium-sized firm, ripe tomatoes; 4 medium-sized onions; 6 large red peppers; 2 large stalks celery; 1 tsp. salt; 2 c. sugar; 1/2 c. light brown sugar, firmly packed; 2 c. vinegar; 1 tbs. mustard seed; 1 tbs. celery seed; 1 tbs. whole cloves; 3 sticks whole cinnamon, broken; 1 tbs. whole allspice

• Wash vegetables. Scald, peel, and core tomatoes; cut into quarters; chop very fine; pour into heavy kettle. Peel and quarter onions. Seed peppers; cut into strips. Cut celery into pieces. Grind onions, peppers, and celery, using coarsest blade of food grinder; discard juice. Mix vegetables with tomatoes; add salt, sugars, and vinegar. Tie spices loosely in cheesecloth, forming bag (for easy removal later); add to sauce. Boil mixture rapidly about 11/2 hours, or until as thick as desired. Stir during last half hour to prevent sticking. Pour into hot jars; seal. Label and store. Makes 6 half pints (continued on page 74)

Make it in a morning-keep'em happy all fall ... fresh fruit to all-finished takes so little time and effort

Easy does it! You can make jam rich with the golden goodness of fresh peaches. Start with ripe fruit, and let powdered Sure-Jell or liquid Certo take over. These natural fruit pectin products make jam "jell" just right. Flavor can't boil away. It's all there inside your



gleaming jars. Do make this peach of a jam. You'll feel so creative!

Peach of a Jam . Boil just one minute

3 lbs. ripe peaches • 1 box Sure-Jell • 5 cups sugar

Peel, chop peaches. Mix 4 cups fruit in very large saucepan, with 1 box Sure-Jell. (For recipes using liquid Certo, see bottle.) Stir over high heat until mixture boils. Stir in sugar. Bring to full rolling boil; then boil hard one minute, stirring. Remove from heat, skim off foam, stir and skim by turns for five minutes. Ladle into 9 medium glasses, paraffin or seal at once. Recipes in every package.



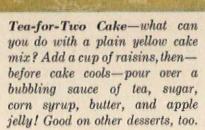
SURE-JELL or CERTO - Surest, easiest way to jam and jelly-making

TAKE A PACKAGE OF TEA



Tea Ice Cream—try this tantalizing new flavor in a festive Tahitian Banana Split heaped with fruit and coconut. Tea is brewed in scalded milk and cream; sugar and eggs are added. The mixture chills to a rich, smooth dessert.







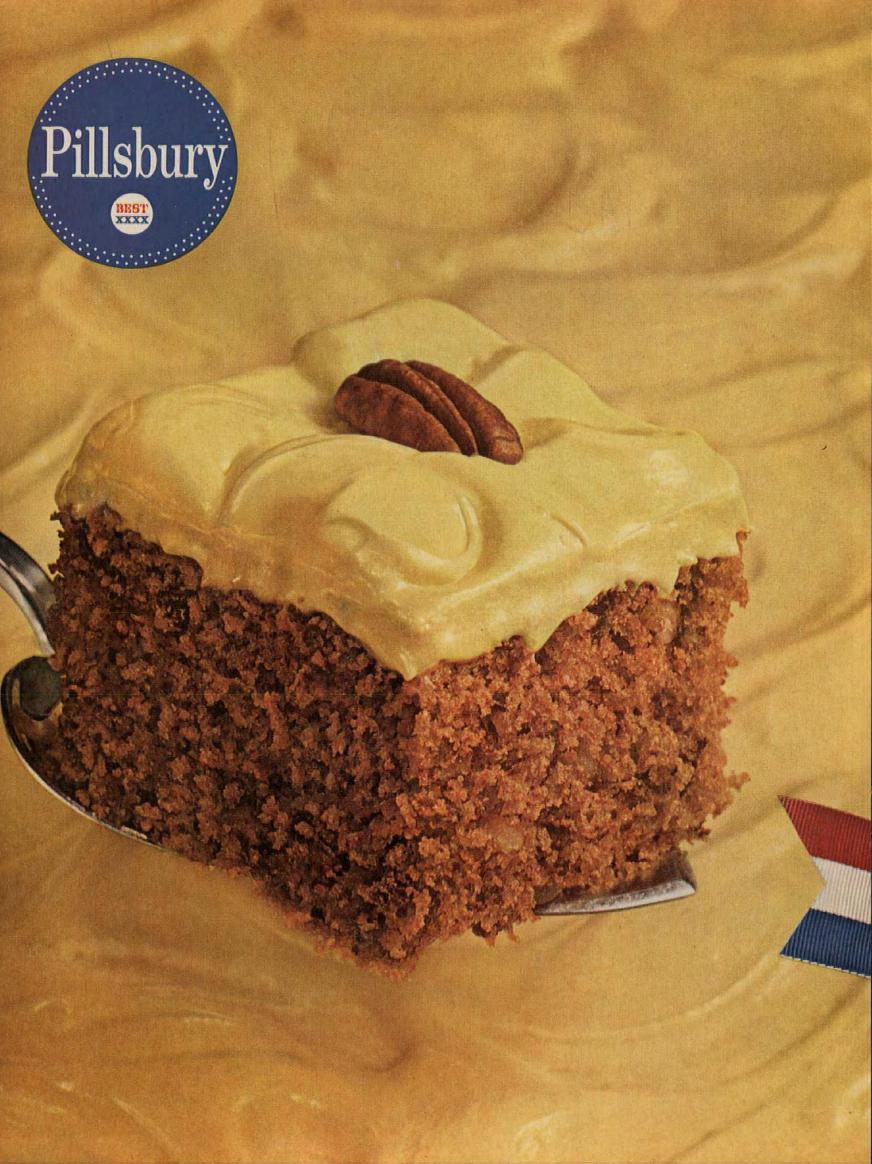
Baked Tea Custard—this favorite summer treat is refreshing with a delicate tea and lemon-rind flavor. Tea is brewed in water and scalded milk, then added to sugar, eggs, salt, and grated lemon rind. Bake in custard cups and chill.

Think tea is only for crumpets, pink cakes, and polite conversation? Nonsense! Tea is a delightfully subtle flavoring in many dishes—just like coffee. Do you take your tea with cream? Wait till you taste Tea Ice Cream, made doubly enticing with a topping of tropical fruits. Like tea with lemon? Try a light and lemony Baked Tea Custard. For something deliciously new under the summer sun, try Tropical Chiffon Pie and delicate Tea-for-Two Cake, or Spiced Prunes brewed in aromatic tea. Turn a new trick with tinkling Iced Teas, too! Recipes on page 69.



Iced Teas—try brewing tea and mint leaves together—pour over ice in sugar-frosted glasses abloom with mint. Try Lime Tea Punch or Citrus Iced Tea—with fresh or bottled juices. Trim: Fruit Kabobs and Pineapple Swizzle Sticks.

Tropical Chiffon Pie—a frothy, summery confection with a brandnew flavor! Tea is added to the gelatin, sugar, and egg yolk mixture before folding in snowy drifts of whipped cream and stiff egg whites. Top with whipped cream. **Tea Spiced Prunes**—prunes are gently simmered with orange and lemon slices and a cinnamon stick, then brewed with your favorite tea. Sweeten them with sugar and set before the family for a nourishing treat, delicious warm or chilled.



New Pillsbury Grand National Cake Mixes

This moist and spicy delight is Date Nut, a cake so good it would do your own grandma proud.

Rich and chewy, filled with freshshelled crisp nuts, and mellowed with chunks of plump sun-ripened dates.

Everyone who samples its fresh-made taste will think you spent hours putting it together.

Bake one up and triumph.

Inspired by GRAND NATIONAL BAKE-OFF RECIPES

You can also have

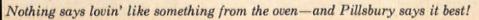
CHOCOLATE NUT

BANANA NUT

and



This mix was inspired by the original recipe of Mrs. Martha L. Jackson of South Bend, Indiana, with which she won a handsome prize at our 7th Grand National Bake-Off at the Waldorf-Astoria Hotel.



Only refrigerator-freezer - the new No-Frost RCA WHIRLPOOL gives so many modern automatic features



SAVES TIME! EXCLUSIVE ICEMAGIC® replaces every cube you use, automatically! NO TRAYS to empty or fill even water is added automatically. A steady supply of ice drops into the handy server. All you do is use it! Only an RCA WHIRLPOOL refrigerator has ICE-MAGIC, the ice-maker proved by years of consumer use!



NOW! NO FROST—EVEN IN THE FREEZER! There's no frost to de-frost in this zero-degree freezer. Yet you can freeze foods right at home—hold over 92 lbs. of frozen foods. The right temperature is sealed in by Million-Magnet* doors on both freezer and refrigerator, with special magnets in door gaskets. Yet they open or shut easily, instantly, at your touch.



SAVES TIME I EXCLUSIVE JET-COLD SHELF chills a new way, with new speed! Constant tiny jets of arctic air inside the shelf are the secret—let this special shelf chill food up to 3 times faster than an ordinary refrigerator shelf! Quick and safe for desserts, salads, any food or liquid. Jet-Cold shelf is another exclusive you can find only in an RCA WHIRLPOOL refrigerator!



SAVES FOODI EXCLUSIVE NEW JET-COLD MEAT CHEST lets you store meat with confidence! Holds temperature at the best meat-keeping level—in the right atmosphere to keep meats fresh and tempting for days. PLUS every other food-keeping convenience, from a spreadable-butter keeper to twin crispers that hold a whole bushel of vegetables! and saves money because it's Gas!



Saves you money, too! In this one refrigerator, you get every advantage: built-in look . . . color choice . . . all those wonderful new food-keeping features . . . PLUS the fabulous refrigerating system designed around a silent flame, with no moving parts to wear out or break down.

Gas saves you money on fuel bills, too. So choose Gas. There simply isn't a better buy than a modern automatic, Gas refrigerator-freezer like this!

AMERICAN GAS ASSOCIATION

Right now—Gas Companies and dealers are offering their <u>best deal</u> <u>ever</u> on the RCA WHIRLPOOL no-frost Gas refrigerator.



Use of trademarks and RCA by Whiripool Corporation, Benton Harbo Michigan, manufacturers of RCA WHIRLPOOL appliances, authorize by Radio Corporation of America.

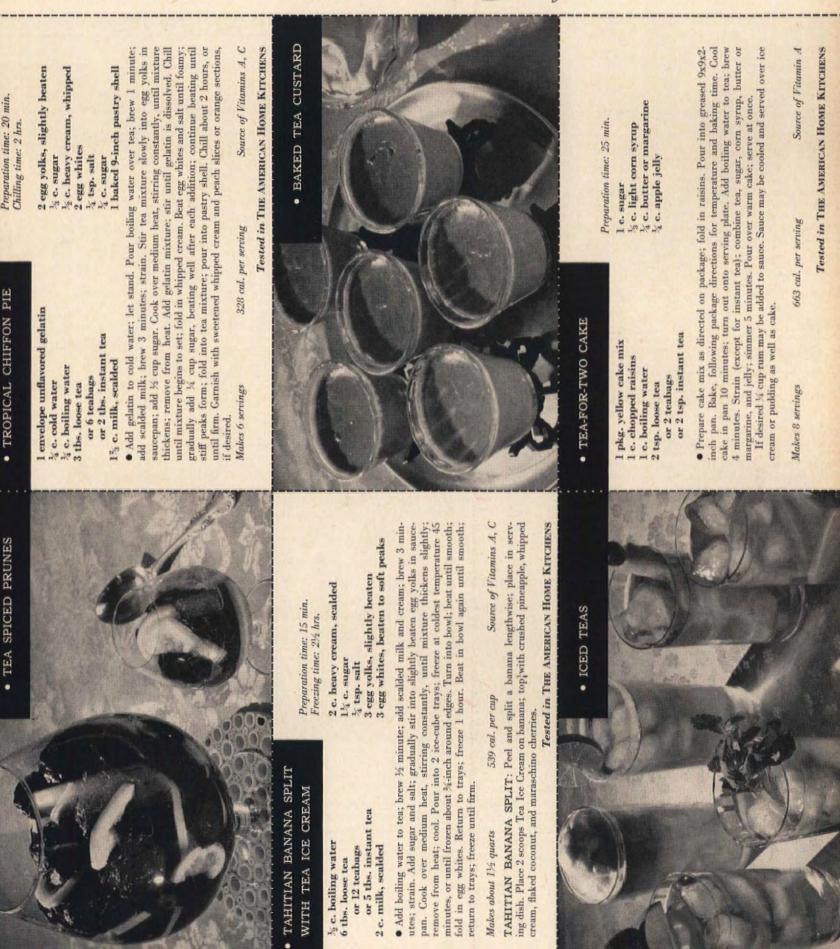


AMERICAN HOME RECIPES Take a Package of Tea

(pictured in color on pages 64 and 65)



To keep rice grains clear and white, add a few drops of lemon juice to the water while they cook.



Makes about 1½ quarts

1/2 c. boiling water

2 c. milk, scalded or 12 teabags 6 ths. loose tea

ICED TEAS •

ICED TEA: Bring 1 qt. freshly drawn cold water to full rolling boil in saucepan; remove from heat. Add $\frac{1}{26}$ c. loose tea, or 15 teabags, or 5 ths. instant tea immediately; brew 5 min. Stir and strain into 1 qt. cold water in pitcher. WITH FRUIT GARNISH: Serve Iced Tea over ice in tall glasses. Garnish with Fruit Kabob made by threading small lemon wedge, pineapple cube, maraschino cherry, orange wedge, lime wedge, and strawberry on long wooden pick. Or use a stick-shaped piece of fresh pineapple topped with cherry as a swizzle stick.

LIME TEA PUNCH: Stir 3% c. fresh or bottled lime juice into Iced Tea. Serve over ice in tall glasses with lime slice garnish; add sugar to taste.

with back of spoon. Brew and prepare as for Iced Tea. Serve over ice in tall frosted MINTED ICED TEA: Add 8 sprigs fresh mint to boiling water with tea; crush mint glasses with sprig of mint. To frost glasses, dip rims into lemon juice then into granulated sugar.

CITRUS ICED TEA: Bring 3 c. cold water to full rolling boil in saucepan; remove from heat. Add ¼ c. loose tea, or 11 teabags, or 4 ths. instant tea immediately; brew 5 min. Stir and strain into 3 c. cold water in pitcher. Add 1 c. fresh, frozen, or bottled lemon juice; 1 c. fresh, frozen, or canned orange juice; and 1 c. sugar. Stir until sugar is dissolved. Serve over ice in tall glasses with lemon or orange slice. TAHITIAN BANANA SPLIT WITH TEA ICE CREAM

BAKED TEA CUSTARD

•

TEA SPICED PRUNES

Preparation time: 10 min. Cooking time: 50 min.

seedless orange, sliced lemon, sliced Ib. prunes

I stick cinnamon

or I ths. instant tea

4 teabags

Water

1/2 c. sugar

tea; brew 5 · Place prunes, orange and lemon slices, and cinnamon in saucepan; add enough minutes; remove teabags and cinnamon. Add sugar; stir carefully until sugar is dis-Simmer, covered, 45 minutes; remove from heat. Add solved; cool. Serve warm or chilled. water to cover.

Makes 6 servings

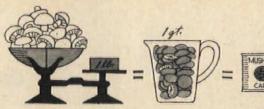
Source of Vitumins A, C 188 cal. per serving **Tested in THE AMERICAN HOME KITCHENS**



AMERICAN HOME RECIPES

Take a Package of Tea

(pictured in color on pages 64 and 65)



• Add boiling water to tea; brew 1 minute; add scalded milk; brew an additional 3 minutes; strain. Combine eggs, sugar, salt, and lemon rind; gradually stir in milk mixture; blend well. Pour into custard cups; set cups in baking pan; pour hot water into

tsp. grated lemon rind

or 2 ths. instant tea 214 c. milk, scalded

14 c. boiling water or 6 teabags 2 ths. loose tea

3 eggs, slightly beaten

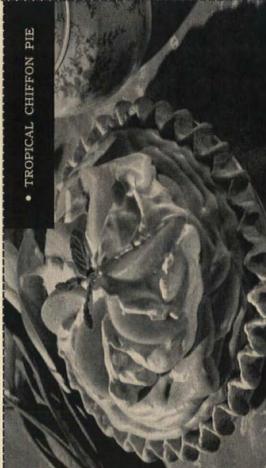
6 ths. sugar 4 tsp. salt

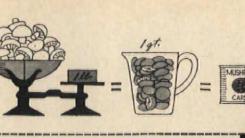
Preparation time: 10 min. Baking time: 20-25 min. pan. Bake in moderate oven (375° F.) 20 to 25 minutes, or until set. Cool; chill well.

149 cal. per serving

Makes 6 servings

To measure mushrooms for a recipe, 20-24 fresh mushrooms equal one pound. Or use one quart of raw whole mushroom caps, or one 6- or 8-ounce can of mushroom caps or crowns.





Source of Vitamins A, C

Tested in THE AMERICAN HOME KITCHENS

70

THE SPICE OF ADVENTURE FOR STAY-AT-HOME MEALS!



INSPIRED BY FARAWAY PLACES AND BLENDED FOR YOU BY KRAFT



1NEW—Herb Dressing is a subtle merger of tingling herbs and spices, fragrant vinegars and clear oil. Quick glamour-trick with garden vegetables: marinate cooked green beans and sliced tomatoes in Herb Dressing; chill. 2 Catalina—a bright and beautiful mingling of tomato-y sweetness and spicy tang. For a one-dish lunch that's deliciously elegant: marinate cooked shrimp in Catalina Dressing for glorious flavor; serve in avocado halves, on lettuce. **3** Roka Blue Cheese—wonderful new dressing that pours like thick country cream, laced with the mellow flavor of aged blue cheese. Try its velvet touch on crisp greens, or on a mélange of fresh fruits—peaches, berries, melon, grapes. 4 Casino—Thishigh-spirited blend of spices and herbs spiked with garlic and tomato was born for tossed salads! But try this trick, too: brush Casino Dressing between slices of diagonally-cut French bread and heat in a hot oven.

Table-nice new bottles, designed with built-in mixing action!

5 Italian—never another Italian Dressing so tantalizing, so true to its name. Golden oil and vinegar, afloat with tangy herbs, spices and garlic. Roman Holiday Salad: crisp greens, croutons and shredded Parmesan tossed with Kraft Italian.

CUCUMBER CUT-UPS

Make the quickest-fixing dish look festive and fussed over with a cool and clever cucumber garnish. Glorify a stand-by tuna dish with cucumber and tomato-paste rosettes. Place cucumber baskets topped with a truffle beside individual gelatin molds. Try icy green-and-white cucumber gyroscopes, tomato-centered cartwheels, lobsterfilled rings! You'll find how-to's for all on page 75.



⁽Model TC-466V, 15.5 cubic feet)

... and no defrosting ever, thanks to FROST GUARD ... the exclusive no-frost system that outperforms all others!



NO MORE DEFROSTING ...



FROST NEVER FORMS!

GeneralElectric's Frost Guard system is especially designed to banish frost forever . . . automatically, efficiently, economically!

Frost Guard is faster... more efficient and more economical than those no-frost systems using old-fashioned electric heaters!

Frost Guard is more reliable than those ordinary single tube no-frost systems that make one tube do the work of two!

Plus! Solid Swing-Out Shelves; Exclusive Roll-Out Freezer with tremendous capacity; Freeze-N-Store Ice Service. Choose one of several Frost Guard models now on display at your General Electric dealer's.

And this lasting proof of lasting quality: Right now, there are 6 million General Electric Refrigerators that have been in use 10 years or longer!

Household Refrigerator Department, General Electric Company, Louisville I, Kentucky.

Progress Is Our Most Important Product GENERAL BELECTRIC



The difference in butters is one you can taste. It's here...sweet-cream sweet ...churned fresh by the hour in the land of lakes. Taste how fresh.



Churned from sweet (never sour) cream

How to Can Vegetables (Continued from page 62)

PICKLED VEGETABLES

Preparation time: 30 min. Cooking time: 10 min.

2 qts. vegetables (cauliflower, turnip, carrots, celery, green beans); 4 c. vinegar; $1/_2$ c. mixed pickling spices; 1 c. sugar

• Select firm fresh vegetables. Use all of one kind or combine 2 or 3. Clean vegetables. Separate cauliflower; pare and cube turnip; cut carrots into finger-length pieces (if small young ones, leave whole); cut celery into pieces; leave green beans whole. Bring vinegar, spices, and sugar to boiling. Pack vegetables into clean hot pint jars; pour boiling hot syrup to within $\frac{1}{2}$ inch of top of jar; seal at once. Label and store. Makes 6 pints

SPICY TOMATO MARMALADE

Preparation time: 30 min. Refrigeration time: Overnight Cooking time: 50-60 min.

12 medium-sized firm, ripe tomatoes; 2 large lemons; 7c. sugar; ¹/₄ c. chopped candied ginger

• Scald, peel, and core tomatoes; cut into eighths. Cut lemons in half lengthwise; slice paper thin. Combine tomatoes, lemons, and sugar; cover; refrigerate overnight. Next day, drain off liquid; cook it and any undissolved sugar rapidly until it spins a thread from tip of spoon. Add tomato, lemon, and ginger; cook over medium heat about 30 minutes, or until tomatoes are transparent and marmalade is thickened. Skim any scum from surface, if necessary. Pour at once into hot jars; seal. Label and store. Makes 7 half pints

GREEN TOMATO PICKLE

Preparation time: 1 hr. Standing time: Overnight Cooking time: 30 min.

8 lb. green tomatoes, thinly sliced; 6 onions, peeled and thinly sliced; salt (about 1/2 c.); vinegar; 1/2 c. chopped pimiento; 1 tbs. celery seed; 2 tsp. mustard seed; 4 red pepper pods, shredded; 1/2 c. mixed pickling spices

• Arrange tomatoes and onions in layers in large bowl, sprinkling each layer with salt. Cover with large plate; let stand overnight. Drain and rinse; place in large kettle; add vinegar to cover; stir in pimiento. Add spices which have been tied loosely in cheesecloth bag. Simmer 30 minutes; remove spice bag. Pour into hot jars; seal at once. Label and store. Makes 5 pints

RED PEPPER AND ORANGE JAM

Preparation time: 25 min. Cooking time: 25 min.

25 sweet red peppers; 2 large oranges; 2 c. vinegar; 4 c. sugar; 2 tsp. salt

• Wash and drain peppers; remove seeds and white membranes; cut peppers into strips. Cut oranges into eighths. Grind peppers using coarsest blade of food chopper; drain very well; discard juice. Grind orange, rind and all; add to drained peppers. Add vinegar, sugar, and salt; cook rapidly, stirring often, about 25 minutes, or until jam is thick and clear. Pour at once into hot jars; seal. Label and store. Makes 6 half pints

There's just no triumph like yeast rolls you made yourself



2

8

3

9

And here's a package of sure success!

The kitchen is so fragrant... you're so proud! Tender, light rolls certain every time. Because here's flour and yeast made just *for* rolls. Directions for all three on package. Choose and try!

CLOVERLEAF ROLL

EASY PETAL ROLL

Pillsbury Hot Roll Mix

CORN RELISH

Preparation time: 30 min. Cooking time: 20-25 min.

6 ears corn; 1 c. chopped onion; 1 c. chopped green pepper; 1 c. chopped red pepper; 2 c. chopped celery; 2 c. vinegar; 1 c. sugar; 1 tsp. dry mustard; 1 tsp. mustard seed; 1 tsp. turmeric; 1 tsp. salt

• Husk and remove silk from corn. Cook in boiling salted water 10 minutes; drain. Cut kernels from cobs; combine with remaining ingredients in heavy kettle. Simmer 20 to 25 minutes; bring to boiling; boil 5 minutes. Pour at once into hot jars; seal. Label and store. Makes 6 half pints

TOMATO CHUTNEY

Preparation time: 30 min. Cooking time: $1\frac{1}{4}$ - $1\frac{1}{2}$ hrs.

12 medium-sized firm, ripe tomatoes; 8 medium-sized apples; 4 medium-sized red or green peppers; 4 mediumsized onions; 1 pkg. (1 lb.) seedless raisins; 2 tsp. salt; 1 tsp. cinnamon; 1 tbs. ginger; 1 tsp. nutmeg; 3 c. brown sugar, firmly packed; ¹/₄ c. lime or lemon juice

• Wash vegetables. Scald, peel, core, and chop tomatoes. Pare, core, and chop apples; seed and chop peppers; peel and chop onions. Combine vegetables with remaining ingredients in heavy kettle. Boil rapidly about $1\frac{1}{4}$ hours, or until thickened. Pour at once into hot jars; seal. Label and store. Makes 12 half pints

Tested in THE AMERICAN HOME KITCHENS

3. Cut $1\frac{1}{2}$ " piece from end of cucumber; level end; make 2 slits on top. Add mayonnaise and truffle. Cut rind from thin cucumber slice in half; tuck in slits.

1/2" thick slices to serve.

Cucumber Cut-ups

(pictured in color on page 72)

4. Cut top of $\frac{1}{2}$ " slice of cucumber in saw-tooth design. Top with cherry tomato.

1. Cut 11/2" piece from end of cucumber; level pointed end.

2. Cut both ends from cucumber. Hollow center; fill with

mixture of minced lobster and mayonnaise; chill. Cut into

Make slits almost to bottom; insert thin radish slices.

5. Place slice of radish and parsley sprig on cucumber slice.
6. Cut 2" long section from center. With sharp knife cut as thin as possible into long ribbon; rewind. Slice down thinly. Garnish with radish strips.

7. Cut 1" piece of cucumber; level one side. Make 2 slits almost to bottom. Insert thin lemon wedges in slits.

8. Cut 1½" piece from cucumber; level end. Hollow center; scallop edge. Fill with mayonnaise and tomato paste. Garnish with parsley.

9. Make slits in cucumber slices three quarters of the way across. Put together as shown.

75

DATE TWIST

Nothing says lovin' like something

from the oven and Pillsbury

says it best!

Howaii FOR TWO! WIND SEAL® SHINGLES

THE GREAT HURRICANE-PROOF SHINGLE WE'LL GIVE YOU, INSTALLED FREE, IF YOU'RE A LUCKY WINNER -THE BIRD WIND SEAL SHINGLE



See These Dots of Powerful Adhesiv They go into sticking action with the heat of the sun, cementing every roof shingle down in a grip that won't let go.

It's been proved again and again: even hurricane winds don't rip the Bird Wind Seal Shingle loose.

Just mall us this coupon (or postcard with name and address) before midnight, Oct. 15, 1961. Five winning names will be drawn on Oct. 22, 1961. Yours might be one!

BIRD & SON, INC., Box 193 (AH), East Walpole, Mass. I OWN MY OWN HOME I I NEED A NEW ROOF I'D LOVE A TRIP TO HAWAII, AND I SURE HOPE I'M A WINNER!

Name	
Street	
City or TownZone	
County	
State	

CONTEST RULES

1. You must own your own home. 2. You must need a new roof. 3. Entries must be postmarked no later than midnight, October 15, 1961 and received by October 22, 1961. 4. Prize winners will be selected in random drawings on or about October 22, 1961 at the principal offices of Bird & Son, inc. in East Walpole, Massachusetts. Winners will be notified by mail within fifteen days after final drawings. 5. Winner's trip to Hawaii covers air travel for two from winner's home town in any state East of the Rocky Mountains and within the U.S.A. to Hawaii and return, and two weeks room and board at the Hilton Hawaiian Village, plus \$200 spending money. Winner must



... the self-sealing roof shingles that even hurricanes don't loosen

You could win a

The chance of your life for the time of your life plus the roof of your life! And no jingles to write, no puzzles to solve, nothing to do but mail us the coupon. First prize: two free weeks for two in fabulous, exotic Hawaii - plus a free Bird Wind Seal roof, installed on your home. Four second prizes: a magnificent Bird Wind Seal roof each, wholly free, including installation on your home.

Only two major rules: (1) you must own your own home; (2) you must need a new roof. Mail coupon today, nothing says you won't be a winner!



make trip by April 15, 1962. No winner is entitled to cash in place of any of the prizes. Tax or other liability on any prizes will be the sole responsibility of the prize winner. 6. Entries are limited to residents of the U.S.A. in states East of the Rocky Mountains. Employees and their families of Bird & Son, inc. and its advertising agency are not eligible. This offer is not open to any person residing in a state in which a drawing of this kind is contrary to law. Federal, state and local government regulations apply.

so you are on

The latest word on the latest wrinkle in weight control-drinkit-vourself formulas-comes from the American Medical Association. The word is caution.

Since it's always wise to consult your doctor before dieting, as the makers of diet drinks agree, we feel it's important to bring this report to your attention.

The A.M.A.'s Council on Foods and Nutrition warns that complete dependence on the formula diets is not a "rational approach to weight control in the seriously overweight." It questions whether it is sound to recommend the same caloric consumption for all people, and suggests that an active person may find 900 calories a day, the amount contained in most of the diet drinks, insufficient.

Dr. Philip L. White, secretary of the council, adds that effective long-range weight control is improbable with "self-prescribed" programs. "Many users of the formula diets are thus doomed to the on-again, off-again, down-again, up-again paradox of self-treatment," he states.

If you want to avoid the thrills and spills of a roller-coaster diet, we'll show you how you can cut your weight safely and surelywithout cutting out food. Below is a menu for one day's meals for dieters and non-dieters. Naturally, the weight-watcher's life isn't all popovers and cream-but both groups get plenty of tempting, delicious food at every meal, including Tea Ice Cream at dinner. (You'll find the recipe on page 69.)

	Cal. Per		Cal. Per	
WEIGHT WATCHERS	Serving	BREAKFAST	Serving	NON-WATCHERS
Drink 1/2 cup	55	Orange juice	55	Have at least 1/2 cup
You should have 1 egg on just	75	Poached egg	150	You're entitled to 2 eggs on
1/2 English muffin	60	Bread	170	Buttered whole muffi
Serve with sugar substitute and skim milk	5.	Coffee	80	Serve with sugar and coffee cream
Attended to	195	Breakfast Total	455	
		LUNCH		
Make your serving only 1/2 cup	100	Cottage cheese	200	Serve yourself 1 cup
Serve with low- calorie French dressing	30	Vegetable salad with dressing	125	Toss with regular French dressing
Limit yourself to 1 thin slice	50	Bread	125	Have a regular slice, buttered
Eat it plain—save calories	117	Sponge cake	197	Glamorize it with chocolate syrup
Have 1 glass skim or buttermilk	85	Milk	165	Yours is whole milk
	382	Lunch total	812	11 - 15 - 5 - 5
	10-1	DINNER	-	S. Alteria
Bake individual pies and omit the topping on one	223	Chicken pie with biscuit topping	428	Enjoy the topping too
Sprinkle with basil	30	Broiled tomato	60	Top with grated cheese
Flavor 2 medium stalks with lemon juice	45	Broccoli	110	Dress up 2 large stalks with melted butter
You may have a ½ cup	270	Tea Ice Cream*	547	You're privileged, have a Tahitian Banana Split*
Serve with sugar substitute and skim milk	5	Coffee	80	Serve with sugar and coffee cream
	573	Dinner total	1225	
*Recipe on page 69	1150	Day's total calorie count	2492	

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WHAT YOU WANT TO KNOW ABOUT GARBAGE DISPOSERS

VIRGINIA T. HABEEB

Why would anyone call the garbage disposer a "luxury appliance"? Yet how often we hear it! It is not a luxury to be able to get rid of vast amounts of household garbage effortlessly and eliminate the most unpleasant chore you have in keeping house. With a disposer installed in your kitchen, food waste disposal is immediate and sanitary, occurring at point of origin before it becomes "garbage." Here are some outstanding facts about disposers:

What Do They Cost?

The cost of the disposer depends on the model you select. More expensive models are cushioned for quieter operation. Cost ranges from under \$60 to \$160, plus the expense of installation. Plan to spend at least \$60 for a unit that will endure over the years and give you good service. They are simple to install and fit almost any sink opening up to 4" in diameter. Adapters are available for larger openings, and a plumber can use a special boring tool to enlarge a smaller opening. No special trap is necessary; the disposer is part of the drainpipe and trap of your sink. A separate electrical circuit of 120 volts is needed, and, of course, it must be grounded to insure safe use. Depending on the amount of work required, the installation cost may run from \$25 to \$50. We would suggest that a serviceman or plumber handle the job of installation. It is not a do-it-yourself project.

How Do They Work?

Garbage disposers all have certain features in common: a drain outlet $3\frac{1}{2}-4''$ in diameter, designed to fit standard sinks, through which garbage is fed to the grinders; a chamber of about two-quart capacity to hold the garbage for grinding; impellers, shredders, or hammers rotating on a horizontal turntable at high speeds so as to hurl the garbage against stationary grinding rings which shred and pulverize it; and a peripheral ring of openings through which the ground garbage passes before being flushed into the drainpipe.

Disposers currently manufactured operate on either of two basic principles. In the *batch-feed type* garbage is loaded into the storage chamber before starting and a tight-fitting safety lid, placed in the sink opening, is rotated to act as the starting switch. In the *continuous-feed type* a wall switch usually starts the motor, and waste can be fed into the chamber continuously during operation.

In both types, cold water should be running through the grinder before the motor is started. The centrifugal action of the rotating turntable acts like a water pump, and enough cold water must be provided to flush the rapidly accumulating slurry to the street sewer. Some manufacturers offer a special interlock accessory that prevents the motor from starting without sufficient flow of cold water. Cold water is essential for grinding greases and fats. Hot water melts greases and fats and carries them along the pipes where they congeal by cooling and are thus deposited on the pipe walls. This eventually causes stoppage. Extensive studies have clearly demonstrated that cold water will prevent the ground waste fat of cooked meats from coating the walls of drainpipes.

How Safe Are Disposers?

Perfectly safe. Many disposers have solid shredding tables or walls, eliminating the direct use of knives or blades; others have safety covers which keep fingers and foreign objects out and waste in. On some the only movable steel blade is located beneath the revolving steel plate. Most models have a thermal-overload protective device built in. After the cause of a stoppage has been corrected, a reset button will start the motor again. Some are controlled manually; others are automatic. Newer models have complete rotating flexibility which enables impellers to move closer to or away from the shredding ring, which automatically eliminates jamming.

What Advantages Are There in Having a Disposer?

Two basic advantages, sanitation and convenience, are roughly comparable to the difference between having an indoor bathroom or an outside privy. With a disposer you eliminate garbage immediately. There are no odors to attract flies, and there's no garbage that will keep them around.

While rubbish and trash still exist, the bulk is cut considerably by the elimination of food waste. You make fewer trips to the garbage can—none with paper bags full of wet food waste ready to burst open. When you prepare meals, you don't have to keep a garbage pail handy, and afterward you can simply scrape food scraps down the drain. You save cleanup time, whether washing dishes by hand or in a dishwasher.

What Kind of Garbage Can a Disposer Handle?

It will take any type of food waste with the exception of very large knuckle bones that won't fit through the drain opening.

Can Anything Other Than Food Waste Be Fed Into a Disposer? Yes, but certain materials might clog your drain lines even though a disposer can pulverize them (it will turn a penny or stone into powder, but your drain line cannot carry it to the sewage system). Examples of items that belong in the trash can are bottle tops and other metal objects, glass, rags or string, paper cartons, rubber, leather, and sea shells.

Will Bones Eventually Harm the Mechanism?

They won't hurt a quality disposer. In fact, bones and fruit pits have a scouring action that keeps the shredding ring in its most efficient condition and also helps clean plumbing lines. Be sure bones are not too long or wide for the waste chamber. If noise bothers you, mix soft waste with the bones or, on the continuous-feed type, put the drain closure in place (but in *drain* position so water can go through). If you have twin sinks, close the other drain. Some inexpensive disposers are not designed to handle bones, and their manufacturers so state in the operating directions.

Will Disposers Take Care of Egg Shells and Coffee Grounds?

Definitely. After being pulverized by the grinder, both flush easily through the drain lines.

What Do You Do About Large Melon Rinds, Fruit Skins, and Corncobs?

Just cut or break them into pieces that will fall easily through the disposer opening. Don't pack them down tightly in the chamber. In a continuous-feed unit, add such items gradually. Grinding may take slightly longer than for softer waste materials.

How About Fibrous Materials Like Cornhusks and Pea Pods?

They should be fed into the disposer gradually, mixed with other food waste when possible. After grinding this material, allow the disposer and water to run for a full two minutes. This flushes the ground waste all the way through the drain lines to the main sewer and prevents possible clogging.

What Kind of Paper Will it Dispose Of?

Plumbing authorities differentiate between hard-surfaced and softsurfaced papers. Newspaper falls into the former category, which should never be fed into a disposer. Soft-surfaced papers, such as paper napkins, towels, or cleansing tissues, can go into a disposer because they dissolve almost completely. However, it is best to mix them with food waste, only one or two napkins at a time. Remember never to feed them into the disposer in large quantities. (continued)



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How About Cigarette Butts?

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First in Control

Paper and tobacco from ordinary cigarettes and even cigars cause no problem. Filter tips, however, tend to mat over a shredding ring and thereby reduce its efficiency temporarily.

How Fast Does Cold Water Need to Flow Out of the Tap?

You should use a full flow of cold water, always turning it on *before* you start the unit. It's also good practice to allow both water and motor to run for about 10–30 seconds after grinding is finished to make sure all loose particles have been flushed away. Allow water to run two minutes after disposing of fibrous food wastes.

Can Disposers Clog the Drain Lines?

Not if they are used properly, following the points outlined on these pages. Directions that accompany disposers are usually complete and easy to understand. Take time to study them well.

How Do You Clean a Disposer?

You don't. Disposers are selfcleaning. Just fill your sink with water occasionally and let it drain out all at once to make sure the drain line is completely flushed of waste particles.

Can You Use Chemical Drain Cleaners With a Disposer?

Never! They are extremely injurious to disposers, and many manufacturers stipulate that use of these cleaners will null and void the warranty. If you have a doublebowl sink, you may feed chemical cleaners into the *other* drain.

How Much Water Does a Disposer Use?

It takes about $1\frac{1}{2}$ to 2 gallons of cold water per person, per day to operate a disposer. This amounts to less than two per cent more than the average family uses without having a disposer.

Aren't Disposers Noisy?

Except when grinding bones or fruit pits, disposers are less noisy than vacuum cleaners. Many units are now insulated with sounddeadening materials.

How Much Electricity Would a Disposer Use?

A minimal amount. Some studies have shown an average of three cents' worth of electricity per day.

What Kind of Electrical Wiring Does a Disposer Require?

It depends on the electrical code in your locality. Generally a separate 120-volt circuit (normal house current) is required. Make sure the installer grounds the disposer for extra safety. This is a simple matter of connecting a separate wire to the frame of the unit and to the nearby cold-water pipe, which is always grounded.

Would We Need Special Plumbing for a Disposer?

You need only the professionally made connections between the drain pipe and disposer, made by your plumbing contractor in compliance with local codes. In most cases, improperly installed disposers are not covered by the manufacturer warranties, so don't consider a do-it-yourself job.

How Long Should a Disposer Last?

Of course, manufacturers' claims vary, but we've known of units still running after 15 years. Except for refinements in design, increased motor power, and improvements in insulation to make them quieter, disposers have remained basically the same since their introduction over 25 years ago. As far back as 1948 a woman in California had been using her garbage disposer for more than nine years and thought the unit "wonderful."

Is it True That a Bottle Should Be Ground Up Occasionally to Sharpen the Shredding Ring?

Definitely not! Glass is an abrasive and will eventually wear down a shredding ring. Further, it won't float and may clog your drain lines.

Can You Use a Disposer if Your Home Has a Grease Trap?

No. Before having a disposer installed, you'll have to remove the grease trap or bypass it. If the trap has a removable baffle, all you'll have to do is take it out.

How About a Septic Tank?

You can use a disposer if your septic tank meets the new Minimum Property Standards of FHA (which provide for garbage disposers, dishwashers, and automatic washers). These standards state that your septic tank should be 750 gallons for a two-bedroom home, 900 gallons for three bedrooms, 1000 gallons for four bedrooms, plus 250 gallons for each additional bedroom. With existing systems, which may not meet FHA minimum standards, but take care of your present needs, the tank should be cleaned at frequent intervals. When it is cleaned, sufficient sludge (about five per cent of liquid capacity) should be left in the tank.

If your present tank or cesspool is now inadequate for your needs, you will probably have to increase its capacity to handle a disposer.

Disposers will not interfere with bacterial action of septic tanks, but excessive grease may affect the leaching area of the tank.

Is a Separate Drain Needed to Install a Disposer Near a Dishwasher?

Separate drains and traps may be used for the disposer and the dishwasher. However, a satisfactory and less expensive installation is to have the dishwasher drain through the disposer. Current models of disposers have a drain connection for a dishwasher, which saves the cost of a second trap.

Hint: If your dishwasher drain line is connected to the disposer, be sure there is no garbage in the disposer before turning on the dishwasher. Otherwise this waste might interfere with the rapid flow of water from the dishwasher.

Are Disposers Eligible for FHA Title I Loans?

Yes, since they qualify as built-in appliances. Ask your local bank about such a loan. *True* annual interest rate should run under 10 per cent. Many local plumbing contractors also have their own financing setup, or can obtain the Title I loan for you.

Where Can You Buy Them?

While a growing number of department and appliance stores carry garbage disposers, the majority are still sold through plumbing contractors because local codes normally require installation by a licensed contractor.

Booklets on Septic Tanks

Two U.S. Public Health Service publications offer useful information on septic tanks. Publication No. 73, "Septic Tank Care," is available from regional offices of the U.S. Public Health Service. Publication No. 526, "Manual of Septic Tank Practice," gives design and sizing recommendations. To obtain a copy, send 35 cents in coin to Supt. of Documents, U.S. Government Printing Office, Washington 25, D.C.

TIPS FROM OUR TESTING CENTER



A GREASE FIRE can be contained and smothered quickly with ordinary baking soda. Keep a package of soda close to your range for just this purpose.

LOSE YOUR GRIP IN SEWING BUTTONS? Hold each button in place with a bit of transparent tape. Sew right through the tape, then rip it off. So handy when you're spacing a whole row to sew!

SWEETEN YOUR DISPOSER after grinding unpleasant smelling foods (onions, fish) by dropping in a piece of lemon rind saved for this purpose. Voilà! You're rid of offending odors.

IF YOU SEW, organize small gear in an inexpensive plastic silverware tray. Sections are ideal for scissors, findings, and many spools of thread. Save space by keeping it in a deep drawer on top of more bulky sewing needs all set for action.

PLASTIC SHOWER CURTAIN STIFF? Give it a half-hour tub bath in a few inches of warm water with a cup of water conditioner. Collected soap film will dissolve into suds as it soaks. Rinse in warm water, shake off the excess, and hang it on the rod to dry.

DISCOLORED ALUMINUM UTENSILS brighten automatically when used for cooking cranberries, tomatoes, or a recipe containing either one. The acidity of the food does the trick, with *absolutely no harmful effect* on either the pan or the food.

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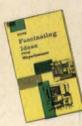
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WRITE FOR FREE FOLDER It contains detailed descriptions and construction diagrams of the "Fascinating Ideas" shown above. Makes it easy to start your project NOW! Write to Weyerhaeuser Company, Dept. B-15, Tacoma, Wash., or see your 4-Square Lumber Dealer.



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Bright New Kitchen

(pictured in color on pages 38 and 39)

This breakdown shows how the Thomases spent \$4458.41 to transform their old kitchen, which "seemed like a dark hole," into the bright cooking and dining center shown on pages 38 and 39.

Equipment and materials

Refrigerator-freezer		\$699.95
Range		559.95
Range base cabinet		64.95
Dishwasher		344.95
Waste disposer		98.95
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for pantry		34.00
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well and cutting boar	d.	80.21
Cabinets		425.00
Insulating-glass		
sliding door		292.50
Wallpaper and paint .		100.00
Laminated plastic count	ers	5
and table		40.00*
Flooring (installed)		225.00
Chairs (4)		96.00
Serving cart (not shown).	19.95
		\$3081.41

*also see labor costs

Labor

Patio

Wood steps				15.00
Gravel				22.00
				\$37.00

For their 1961 summer do-ityourself project the Thomases are finishing off their patio in brick. After adding a layer of sand over the gravel to form a suitable base, they were ready to try their hands at bricklaying. Estimated cost of 1800 bricks: \$135.

A subtle change that added a little to costs and a lot to conven-

ience was the reversing of hinges on both dining room and garage entrance doors (see floor plans on page 39). Mrs. Thomas is thankful that she no longer has to "back into the kitchen" from the dining room, and she finds it much easier to carry in packages from the car. Since a hall door served no real purpose, it was removed. The new pantry door saves space and also leaves room for the garage door to open without interference.

If you contemplate remodeling your own kitchen, cost may well be an important factor in determining when and whether you should proceed. These lists of expenses for materials and labor should serve as a fairly accurate basis of comparison to work with.

A similar remodeling project might be more expensive if:

1. Your house is not already wired for 240-volt appliances. (The Thomases had an adequate service entrance and needed only new special circuits for the appliances that were added.)

2. You add a vent fan over the range. (Mrs. Thomas decided to forego this because it would have required such extensive and costly ductwork; also because she felt the kitchen was open enough to do without forced ventilation for cooking.)

3. Your heating system must be altered to suit the new plan.

4. The remodeling calls for a more extensive structural change.

The costs could be lower if:

1. Your house is frame construction instead of brick.

2. You make fewer changes in work-center locations and therefore can utilize present plumbing and/or wiring connections.

3. Your kitchen already has a 240-volt range circuit.

4. You decide to keep some of your present appliances or plan to add new ones at a later date.

5. You do not buy all "top-ofthe-line" models in your new equipment.

The Thomases handled their own contracting for various services, engaging separate plumbing and electrical contractors and a local lumber dealer. You may prefer to obtain all these services through a plumbing firm, a lumber or cabinet dealer, or an appliance dealer in your area who specializes in kitchen planning. Many of the American Home Qualified Home Improvement Centers listed on pages 84–87 are kitchen modernization specialists. THE END



To a California family, transplanted to Ohio, this was a dismal sight. Small windows, shaded by a large tree, were a poor source of daylight for the kitchen. The back yard was accessible only through the garage (far left).



"This is more like living," say the Thomases, showing off their new patio just outside the remodeled kitchen. At a moment's notice they can decide to dine alfresco—simply by sliding back the glass door and carrying tableware a few steps farther. Patio was temporarily covered with gravel, bricked over just this summer. Extra advantage of new glass wall: Mrs. Thomas can easily watch sons in the back yard.



A welcome gain of remodeling was storage wall composed of cabinets and open shelves, forming a cheerful background for the large new breakfast table. Both cabinet tiers are standard wall units; those under the counter were installed upside down to put handles at the top. The Thomases especially like having all that shelf space alongside the peninsular table to hold mealtime extras—and flowers.





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HELP FOR YOUR REMODELING JOBS

For your benefit here is an up-to-date listing of American Home Qualified Home Improvement Centers. These retail lumber dealers were selected by The American Home because they are qualified to help you with home-improvement projects of all types and sizes. They can give you architectural and design assistance, estimate material and labor costs, provide package financing through their own company or through local banks and lending institutions. Qualified Home Improvement Centers can provide a contractor or help you choose one. Their showrooms aid you in choosing materials.

If you are thinking about home improvement, visit one of these concerns that display our seal.

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national retail lumber dealers association

Mr. John M. Carter, Editor The American Home 300 Park Avenue New York 22, New York

May 31, 1961

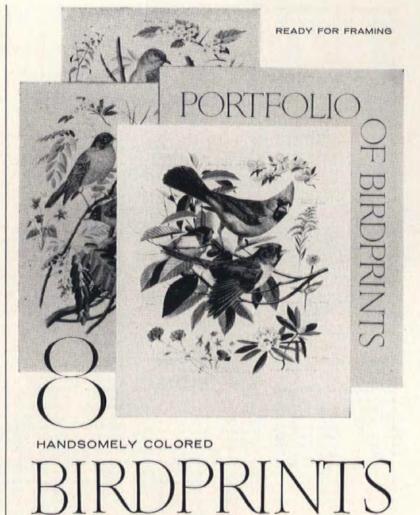
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This substance is now available in suppository or ointment form under the name Preparation H®. Ask for it at all drug counters.

Best Way to Dry Flowers (continued from page 59)

Silica gel is sold by chemical supply dealers, and your druggist can order it for you if he doesn't already have it. Buy 5 pounds of 28-200 mesh silica gel and 1 pound of 6-16 mesh Tel-Tale silica gel. The 28-200 mesh is white and fine textured, similar to table salt; the Tel-Tale crystals are blue and larger. Mix 1/4 pound of Tel-Tale with the 5 pounds of 28-200 mesh and the material is ready for use.

The blue Tel-Tale crystals tell you when the chemical has absorbed its maximum amount of water and needs to be dried for re-use. The crystals do this by turning pink. So after you've dried some flowers, and the blue crystals have turned pink, spread the mixture out in a large open pan and place it in a 250°F. oven for about 30 minutes. When the crystals have turned blue again, the chemical is ready for re-use. You can repeat this process over and over, keeping the chemicals indefinitely.

Silica gel has to be kept in an airtight container or it will absorb moisture from the air. And since some flowers contain more water than others, you'll find that in some cases the mixture needs the oven treatment after one use and in others not until used several times.

The drying of flowers by this new method is simplicity itself. Pick your flowers on a dry, sunny day, not early in the morning when they're wet with dew and never just after rain. Choose only near-perfect blooms at their peak of development-none that are past their best, and none that have been damaged by insects, wind, or rain. Cut them with 2" stems. The short stems make them easy to handle and allow you to treat and store as many as you like. When dried, you add wire stems of any length desired.

My favorite flower-drying containers are fruitcake tins in various sizes, but you can use any wide-top container that can be closed tightly. My own methods for using silica gel, sealing the tin with freezer tape, and making wire stems for the dried flowers, are shown in the pictures below. Leaves, with short stems, are dried the same way as flowers.

The drying process takes one week. Remove the flowers or leaves carefully, as shown in the pictures, remembering that they are now dry and quite brittle.

I store dried flowers and foliage in widemouth, gallon-size glass jars, obtained from a local restaurant. I put three tablespoons of Tel-Tale silica gel in each of the jars, and keep them in a dark closet.

Arrangements are easiest to make if the container is filled with dry Oasis. This material, the medium-weight florists' wire, and green floral tape can all be obtained from your local retail florist. All in all, there's nothing difficult about drying flowers by this new technique! THE END

Mrs. Thompson shows you how to use silica gel

Pour silica gel mixture into a fruitcake tin to a depth of 2" and insert shortstemmed flowers, face up. Space them so they don't touch.





To remove flowers, pour off mixture slowly until they are uncovered. Lift out gently and blow away any particles that adhere, or dust carefully with an artist's brush.

Sprinkle mixture over the flowers until completely covered, gently working it up around them so it's in contact with all parts of each flower.

Cover cake tin and seal it with freezer or masking tape. Place it in a spot where it can stay for one week without danger of being upset.







To make a stem, insert a length of medium-weight florists' wire into the short flower stem and fasten it with a small piece of freezer or masking tape.

Cover the wire by spiral-wrapping it with green floral tape, and the flower is ready for arranging. But for storage, place stemless flowers in airtight jars.



"To Lyn With Love"

(continued from page 41)

What does it take to finish a "raw" attic into a suite for a teenage girl?

Very few changes had to be made structurally. Although the double windows in each end and the double-hung windows in three dormers were reframed to allow for more overhead clearance, the windows themselves were retained. This resulted in a major saving.

Wise planning made use of every inch of available space. Built-in closets, chests, and book shelves were supplemented by luggage storage space and even a place for Christmas ornaments.

Each closet has a specific use. One is for formals and squaredance clothes, one is for current wearing apparel, and one is for out-of season clothing.

Built-ins rather than free-standing units were used because they could be specifically sized to fit the available space.

Paint, mixed to a perfect match, blends the existing wood-framed windows with the honey-toned finish of the birch plywood which was used to panel the walls and sloping ceiling. The center ceiling strip was covered with acoustical tile. Drawer faces, trim, and bookcases were made from white pine, finished to match the natural birch of the walls.

To help cool the rooms, a large exhaust fan was installed behind a removable panel near the stairs. Wiring was installed for a window air conditioner to provide for auxiliary cooling. THE END

SHOPPING INFORMATION

YOU CAN MAKE THIS SAMPLER CLOCK Page 11: Electric clock—General Electric. Lanterns—Flairtime.

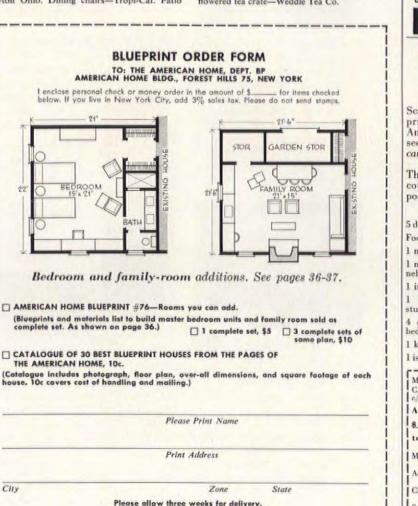
"OUR KITCHEN SEEMED LIKE A DARK HOLE"

Pages 38, 39: Range, refrigerator, dishwasher, waste disposer—Frigidaire. Counter tops—Formica. Cabinets—Consider H. Willet, Inc., sink— Lyoncraft, space-saver door—Wood Specialty Products, Inc., sliding glass door—Arcadia, from Gem City Planing Mill & Lumber Co., Dayton, Ohio. Flooring—Armstrong Cork Co. Canisters, Blenko glass, apothecary jars—Arrow Stores, Inc., Dayton Ohio. Dining chairs—Tropi-Cal. Patio furniture—Siebenthaler, Inc., Dayton, Ohio. Pepper mill set, mortar & pestle, cheese tray and dome, salad bowl—Wilsons of Calif.

"NOW THE BOYS HAVE ROOM TO PLAY AND I HAVE TIME TO RELAX"

AND I HAVE TIME TO RELAX" Page 40: Custom Corlon flooring, acoustical tile ceiling—Armstrong Cork Co. Plywood—Douglas Fir Plywood Assoc. Paneling—Masonite Royalcote. Lighting fixtures—Lightolier. Toys—Toy Guidance Council, Bathroom fixtures—American-Standard. Bathroom wall tile—American Olean Tile Co. Medicine cabinet—Miami Cabinet Division of Philip Carey Mfg. Co. Plastic laminate desk tops—Formica. Window shades—Window Shades Mfrs. Assn.

TAKE A PACKAGE OF TEA Pages 64, 65: Red tea box, flowered dark wooden tea chest, round gold tray, gold tea box, large flowered tea crate—Weddle Tea Co.





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SPEAK FOR YOURSELF, JOHN, and ask Priscilla to get a New England type Alden Chair for your Early American home. It is 35" high and of hardwood, with a hand-woven fiber rush seat of 18x14". Choose unfinished, \$7.95; blond finish, \$8.95; maple, mahogany, walnut, cherry, or pine, \$10.95. Shipping chgs. coll. Minimum of 2. Jeff Elliot, Dept. AH-10, Statesville, N.C.



PEPPERS IN GLASS HOUSES give you a chance to keep an eye on the supply of peppercorns. This delightful French Mill will grind all spices, giving you their natural flavor without any odor. The top unscrews for easy filling, and the perforated stainless bottom is rustproof. 3" high; \$1.75 each, 2 for \$2.98. From Seth & Jed, Dept. AH, New Marlborough, Mass.



UNDER LOCK AND KEY or beside the lock and key you can hang the spread-eagle plaque. Together these honeytone-finished pine plaques will be flying high, keyed in with your other pine accessories. Each measures 5x7", with brass-plated ring and decorations in the center. They are \$2.98 each; \$5.75 for two. From Medford Products, 752-AH Fulton Street, Farmingdale, N.Y.



Welcome to the Market Place! Merchandise, if not personalized, may be returned within seven days for a full refund. Most of the firms mentioned in the Market Place prefer not to handle C.O.D.'s. Unless otherwise stated, postage is included in price.

He daw De Motte **ARKET PLACE**



FISHING AROUND for an outdoor ashtray that will keep your cigarettes and ashes from blowing in the breeze? Well, don't flounder around any longer. This school is of brown wood-grain finish ceramic with brass cigarette rests, each 31/2" long. Holy mackerel, aren't they cute! 4 for \$1; 8 for \$1.89. Add 35c post. Foster House, 6523-AH No. Galena Rd., Peoria, Ill.



A-TISKET, A-TASKET, we've got three rattan baskets that are worth singing about. They are the perfect sizes for your 1-, 11/2-, and 2-quart Pyrex casseroles, as well as others. All three baskets have real cool handles which make carrying hot stuff to the table a breeze, and they look pretty enough to stay for dinner. \$3 a set. The Old Mexico Shop, Patio 14, Santa Fe, N.M.



THE KEY FIGURE on your desk can be a weighty force in keeping things in order. This $7\frac{1}{2}$ " faithful replica of a massive key used in colonial days is great just sitting pretty atop stacks of paper. Hung on the wall it could be even more eye catching. Hand-cast solid polished brass, \$4.50; black cast iron, \$1.50. From Old Guilford Forge, Dept. AH, Guilford, Conn.

OTTO MAYA

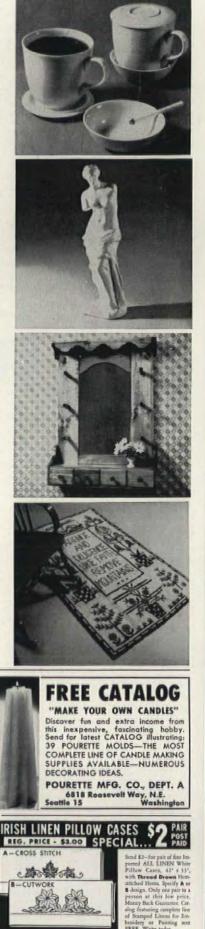


IT WENT THATAWAY-right into the China Hideout. Where else would you hide a container of whipped butter? The white crock holds carton and all, and after dinner just remove the carton and replace it in the refrigerator. 41/2" in diameter and 43/4" high, the Hideout also shelters cream cheese, cottage cheese, etc. \$2.50. Here's How, 95-AH Fifth Ave., New York, N.Y.



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PLEASANTLY POTTED in this Grecian Cache Pot, an African violet would flourish happily. Made of rich blue bisque in cameo design, decorated with Grecian figures, the 3¾" high and 5" wide cache pot would also be a picture packed with pansies. A perfect touch for your table. \$1.98 each; 2 for \$3.75. Add 35c post. Helen Gallagher, 413-AH Fulton St., Peoria, Ill.

LET'S TAKE A POLE and extend it over the tub for hanging drip dries, or anywhere for some extra hanging space. This tension pole locks in easily, can support a substantial weight, and has rubber-capped ends to prevent wall marring. Its length is adjustable: from 22-40", \$2.98; 36-66", \$3.98; and 62-118", \$6.98. Spencer Gifts, 601 Spencer Building, Atlantic City, N.J.

HAMMER HOME puts it in its place along with screwdrivers and pliers in their special niches alongside six compartments for tacks and nails. In fact just those tools you need for most do-it-yourself odd jobs find a happy home in a highimpact plastic Tool Tray. Keep it handy in a kitchen drawer. 89c (without tools). Miles Kimball, 126 Bond Street, Oshkosh, Wisc.

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STATE



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ALBUM OF READERS'HOMES

We would like to share with you some of the snapshots that come to us in the mail. We'd like to hear from you, too. Please include pictures.



Except for one major plan change (a family room instead of a patio), and a few minor ones, here's the Blueprint House published by The American Home in January, 1953. A more comfortable house I can't imagine. The arrangement of the rooms makes entertaining a joy, with the kitchen, living, dining, and family rooms all easily accessible to each other.

Mrs. M. J. Law, Savanna, Illinois



We're proud of our house for the improvements we've made inside and out. Actually, it's a much more spacious house than it seems—the living room is almost 30 feet long and has a wood-burning fireplace. Furnished throughout with antiques (and occupied by two teen-age sons and their friends), our house is proof that antiques can really 'take it.'

Mr. and Mrs. Harold W. Potts, Massillon, Ohio



6 This home is my dream come true. Having lived for several years in an apartment, I longed for the space of a house and the sunlight from all sides. I returned to the Shenandoah Valley, where I grew up, and built this modern five-room house. I don't think there's any pleasure quite the equal of planting trees and shrubs around your own home, which I did on this 100x150' plot. From my windows there's a fine view of the Blue Ridge Mountains. I'm surrounded by good neighbors and old friends near the village of Middleway, here in Jefferson County.

Mrs. W. R. Barnes, Kearneysville, West Virginia



Our home was built in 1954 in a jungle of poison ivy, unkempt apple trees, and swamp. What was built as a breezeway for a proposed garage is now an extra room. We've added a playroom and a lean-to hothouse, and more is yet to come!

Mr. Robert F. Schramm, Muttontown, New York



I read with keen interest your article about the Lincoln household [February issue]. My husband, who is from Kentucky, has inherited some lovely old furniture similar to the Lincoln pieces. When we moved to California, we took most of it with us. In our collection we have a Sheraton sideboard, a Lincoln rocker, a Hoadley grandfather's clock, and also a 'Jackson press,' designed by Andrew Jackson.

Mr. and Mrs. Karl W. Hisgen, Carmel-by-the-Sea, California

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