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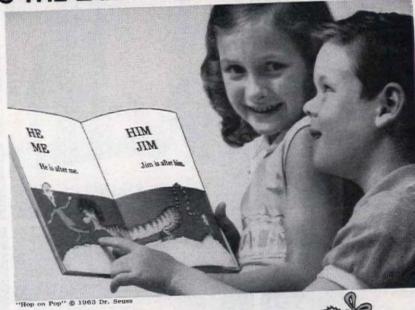
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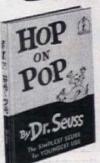
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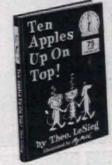
HOP POP We like to hop. We like to hop on top of Pop. Excerpt and drawing free "Hop on Pop" ©1963 Dr. Seuss



HOP ON POP by Dr. Seuss

by Dr. Scuss

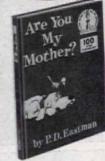
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HOMES AND MAINTENANCE

- 7 Home Maintenance Help
- 46 Basic Basement Ideas
- 48 Can We Save Our Play Space? 76
- What to Do if Your Heating System Quits 86 Before You Buy a Portable Drill
- Three Good Details: Basement Remodeling
- 101 A Bigger and Better Awards Program

DECORATING

- 20 Furniture Preview
- Decorative Dividers
- 40 Beautifully Restored Homes in the Nation's Capital
- 50 Fill the House With Lively Fabric
- 54 Fun and Fakery Decorate Your Walls

FOODS, KITCHENS, & MANAGEMENT

- 56 Dried Fruits Packed With Flavor
- Around the World With Delectable Dessert Pancakes
- 60 **Entertain With Tempura**
- Our Pantry-Shelf Kitchen:

A Fresh Look at Kitchen Design

House Cleaners to the Rescue

GARDENING

11 New Flowers, 1964

HOME PROJECTS

- 36 Make These Soft, Supple Afghans
- 88 Afghan Kit Order Form

GENERAL FEATURES

- 4 Welcome Mat for Foreign Friends
- 16 Selling a House Female-Style
- Listen Here: What You Should Know About Buying a Loud-Speaker System
- 38 Books & Booklets
- 88 Shopping Information
- 108 Market Place
- 118 We've Got News

OUR COVER: Some of the most beautiful homes in America are to be found in the nation's capital. To see how a few dedicated owners have restored theirs to their original stately loveliness, turn to page 40. Photographer: Ernest Silva.

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DEAR READER:

It's never too late for a good New Year's resolution. One of the best resolutions that all of us can make is to start caring. We say we care about what goes on in this country, we even say we love America. But it's sometimes a rather peculiar kind of love.

We litter our beaches with tin cans, garbage, and miscellaneous trash. We use our rivers as open sewers and, simply through carelessness, we burn down our forests. We litter our highways with trash and we waste our land as if we had it in unlimited quantities. This is a strange kind of caring, this is a very strange kind of love.

It's time that we all started to care when our recreational areas are despoiled, we should care if rivers or streams are polluted, we should care if our few remaining stands of virgin timber are cut down to make room for a freeway or a housing development. We should care when some building of historical or architectural value is demolished to make room for a parking lot, a bowling alley, or a glorified lunch counter.

We should care very much how every acre of this land is put to use, for it is our land and it's all the land we have. Once it has been used, there won't be any more for us and our children.

We should care how our towns and cities grow. The manner in which they change will determine how and where we live and how and where our children live.

We must stop thinking that we live only in our own little neighborhood or our own back yard. It's important that we start caring about what is happening all over our state and our country. After all, this country belongs to all of us and if we don't care about it, who shall?

THE EDITOR

WELCOME MAT FOR FOREIGN FRIENDS

Not long ago a group of French pharmacists and their wives suddenly turned up in Crown Point, Indiana. They were from rural areas in France here on a guided tour. They had visited city after city and, by the time they reached Chicago, they had had enough traffic and tall buildings. They wanted to see something more like home. Crown Point, an attractive elm-shaded, residential town, was suggested because it was small (population 8000) and not far out of Chicago. No one there had any idea the town had been chosen until a busload of delighted French people poured into the local newspaper office. There wasn't time to do much more than chat and take pictures, but the French people were so warmed by the little town and its people that, when they got home, they urged their tour office to take other groups there. Crown Point was prepared when the next tourists arrived. There was a ceremony in the community building on the square and then tours of the schools, the library, the churches, the countryside. There were dinners in private homes, and finally a program of folk dancing and singing given by the schoolchildren.

The people in Crown Point, however, are not alone. You may not be aware of it, but your chances of entertaining a foreign visitor this year are greater than ever.

If such a prospect interests you, or perhaps the opportunity of visiting with a Pakistani family or an Austrian one—or Spaniards or Brazilians or Javanese, you can make an organization in Washington very happy.

This is the United States Travel Service, a bureau in the Commerce Department, set up three years ago to lure the world's tourists here as a means of bringing back some of the dollars that pour out of America from the pockets of our tourists abroad.

It has already done very well—nearly 50 per cent more foreign travelers are expected to come this year than came in 1961. But its job is still enormous, as well as important, and it needs your help.

The U.S.T.S. is operating offices in London, Paris, Frankfurt, Rome, São Paulo, Bogotá, Mexico City, Sydney, and Tokyo. From these bases, experienced travel personnel are covering forty countries encouraging travel to the United States. Voit Gilmore, the energetic head of the U.S.T.S., envisions 3½ million people who, with a little urging, will be on their way.

The next step, then, is to see that they enjoy themselves once they arrive. Language difficulties, loneliness, bad planning, rude treatment—any of these could discolor a long-anticipated trip. As one U.S.T.S. official said, "Our whole international travel program stands or falls on whether our guests enjoy their visits—on whether we are gracious hosts when we get them here."

For this reason the Travel Service is working with communities, like Crown Point, across the land to help them prepare for visitors from anywhere in the world.

Crown Point, by now, is getting to be high on the Frenchman's list of attractions in this country. Seven different groups of French tourists have been there to date. All of them have been warmly entertained in Crown Point homes, with the result that many hearts have been touched, friendships have begun, and some Crown Point people are planning to charter a plane next summer to return the visits.

What the French people enjoyed most was visiting people in their homes. They wanted, they said, to see how people live in this country, what we eat, what our furniture looks like, what kind of gadgets we have in our kitchens, how we bring up our children. From then on Crown Point gave up the formal entertainment.

When a busload of French tourists pulls into town these days, they find 18 tricolors—run up on local sewing machines—flapping a welcome around the town square, along with the Stars and Stripes. One grateful group that stayed overnight gave \$500 to the town when they left—money, they said, that would have been spent far less enjoyably on some kind of entertainment along the way. What did the townspeople do with it? They opened a French corner in their library and stocked it with all kinds of books about France—so they could be better informed about their guests.

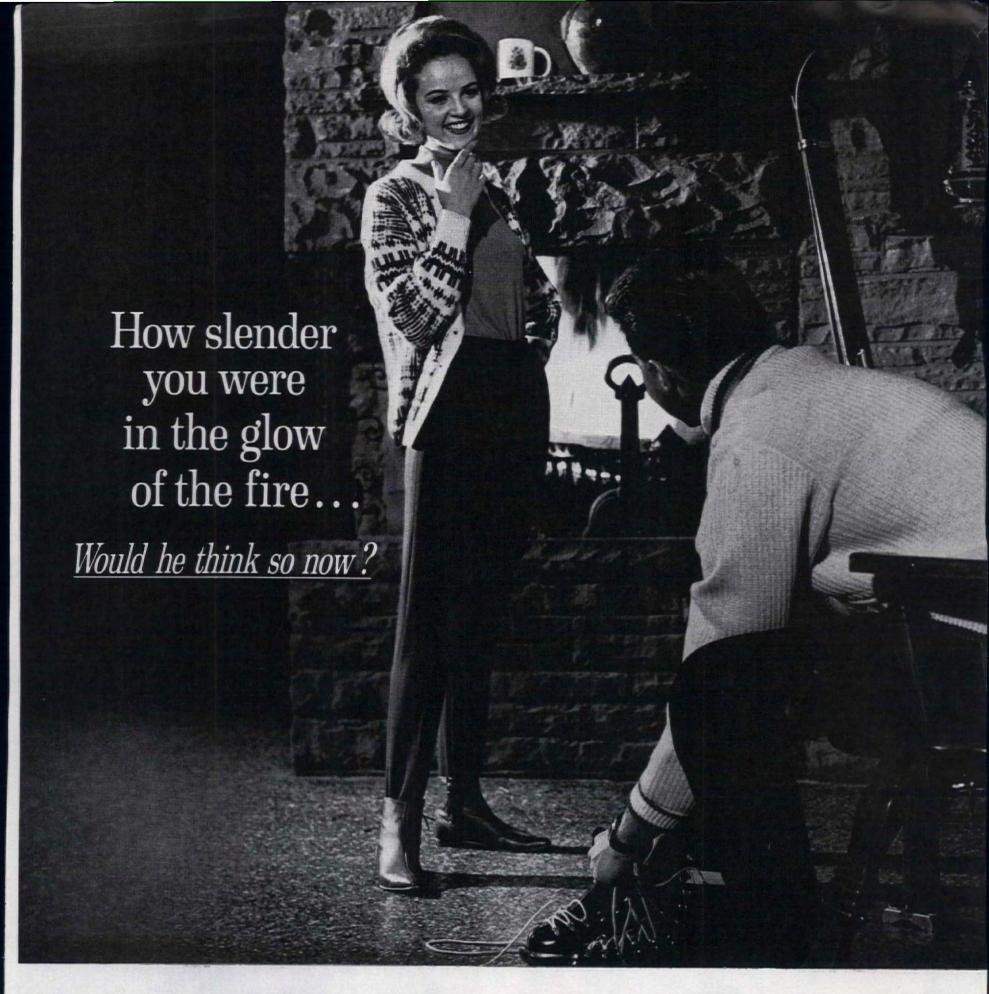
Some of the people have had so much fun entertaining their French visitors, they haven't missed a busload. Among them are Mr. and Mrs. George Radu, who live just out of town in a Colonial home on 125 acres of dairy farmland. Pharmacists, physicians, and hockey players have admired their cattle, inspected their barns, and played croquet on their lawn.

The Radus correspond with "about 35" French friends. "I take their letters to a woman here in our travel agency and she translates them for me," Mrs. Radu said. "But I write back in English, so they must do the same thing...."

At the beginning of this turn in the course of life in their town, Crown Point people organized a citizen's committee to handle the behind-the-scenes details involved in making their visitors welcome. This is exactly what the Travel Service recommends although any existing organization is fine.

Along with offering American hospitality, people who entertain foreign visitors are surely a force for international good will.

Above all, one stimulating evening with people of other cultures, other points of view, can be something to savor for a lifetime. Crown Point's *Lake County Star* editor put it this way, "This works two ways, you know. It has done a lot for Crown Point people. It has given us wider horizons—it's added spice to our lives!"



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HOME MAINTENANCE

HELP

How long have you been putting off that needed maintenance or repair job because you don't know where or how to begin? Is it a squeaky floor or balky window that's bothering you? Or perhaps it's the leak in your roof that you conveniently forget until it rains? In any case, if it's simple home maintenance or a repair problem that has you stumped you'll welcome our free advisory service. Address your question to: Home Maintenance Help, The American Home, 666 Fifth Avenue, New York, N.Y. 10019, and enclose a self-addressed stamped envelope. In reply (allow 3 to 4 weeks), you will get an expert's advice free-of-charge and your question may appear in this column.

Q—I have sooty deposits on the outside of my home. Is there anything I can do about it?—J.J.K., South Carolina.

A—The sooty deposit on your home could be mildew, ordinary dirt, or sulfide discoloration. First wash the area with a strong detergent and water. If the condition is ordinary dirt, it will wash away—mildew and sulfide discoloration won't.

Next, test for mildew by wiping the area with household bleach. If mildew is present, the bleach will lighten it but won't affect sulfide. If the bleach causes the area to "yellow," this stain can be eliminated by rubbing with a stannous chloride solution—available at drugstores.

Atmospheric-carried sulfides from industrial wastes or rotting vegetation in your area are detectable by wiping the discolored spot with hydrogen peroxide, which bleaches or lightens sulfide but not mildew.

If it's mildew, you can often get rid of it by scrubbing with a solution of trisodium phosphate (available at paint stores) and household ammonia mixed in water. The area should then be thoroughly rinsed.

Mildew, which can occur in any climate if part of the house is blocked from the sun's rays, can be effectively prevented by the use of a special anti-mildew paint which contains a fungicide. These paints are available at most paint stores.

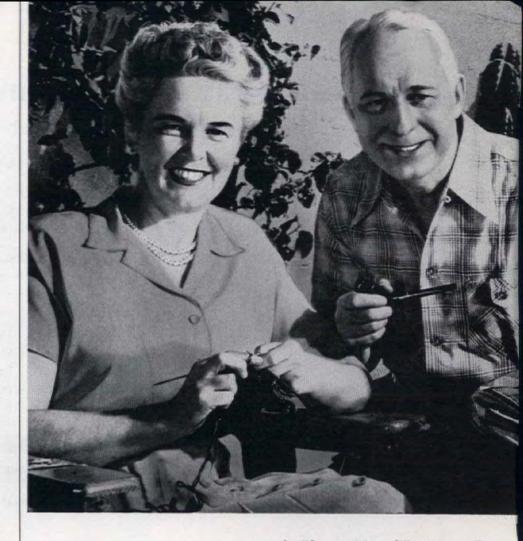
Q—I've been bothered by a faucet that refuses to stop leaking even though I've changed washers and repacked the bonnet twice. Am I overlooking something?—C.M., New Jersey. A—Perhaps so. Many people overlook the fact that a washer has a seat—a metal rim on which it sits. It's seldom checked—yet can develop burrs that cut into a washer, damaging it and thereby permitting water to seep past.

Get a faucet seat-dressing tool, which you can buy for less than \$1 in your local hardware store. Insert it into the faucet housing and twist it several times. The teeth of the tool will smooth down burrs inside the housing and on the washer seat.

Q—The fluorescent fixture in my basement recreation room blinks on and off. This seems to happen primarily in the morning. I have only recently put a new lamp in it, so I'm sure that is not the cause. How can I find out just what the trouble is?—T.S.F., Wisconsin.

A—Since this occurs primarily in the morning, after the basement has had a chance to cool down overnight and you do live in a frigid part of the country, I'd be inclined to think that your trouble is not a faulty fixture. Fluorescent fixtures are particularly susceptible to cold temperatures. When affected by the cold, they'll do exactly what you say—blink on and off and not strike. You can stop this condition by buying a thermal starter. This prewarms all parts of the starter mechanism and provides instantaneous lamp burning.

(continued)



"How we retired in 15 years with \$300 a month"

"We'd never be out here in California today, happy and financially independent, if it hadn't been for what happened back in Scarsdale the night of my fortieth birthday, in 1948. Nell had gotten tickets for 'Oklahoma!' to celebrate. While she was upstairs dressing that night, I was idly leafing through a magazine.

"I suppose any man feels serious when he hits forty. Someday Nell and I wanted to move where it's summer all year and really enjoy life. But how could we? Half my working years had gone. I had a good salary, but I realized I'd hit my peak a couple of years ago. And, like most people, we found it hard to bank anything.

"As I turned the pages, an ad caught my eye. It said a man could retire without a big bank account through the Phoenix Mutual Retirement Income Plan. I could get a guaranteed income of \$300 a month when I reached fifty-five. And it wasn't just an income for myself alone. The Plan actually provided an income as long as either Nell or I lived. It sounded just like the answer to my problem.

"I tore out the coupon in the ad, stuck it in an envelope and dropped it in the mail on our way to the theater.

"Well, a while back my fifty-fifth birthday arrived—and was that a celebration! I was all set to retire. And it wasn't long before my first Phoenix Mutual check for \$300 came in the mail. So we sold the Scarsdale house and headed west.

"We're in a beautiful spot here, just right for us. And every month we get another check. Security? Why, we have more than lots of rich people. Our income is *guaranteed for life!*"

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'64 JET-SMOOTH LUXURY CHEVROLET



Chevrolet Impala Sport Sedan-One of 15 models in 4 series

(continued)

○ —We've been bothered by hairline cracks appearing in the walls of our new home. Also the joint between the floor and walls is getting progressively larger. Is this a result of shoddy construction by the builder?-R.S., Ohio.

A -All of these symptoms are not unusual in a new home. They're caused by the uneven contraction of the new lumber used in construction. This may continue for as long as a year after the house is completed and is not serious. On the other hand, if gaping cracks start to appear in the walls or any cracks appear in the foundation, you should hold your builder responsible for all the repairs necessary.

Wait at least several months before you fill the hairline cracks with a spackle compound. By that time your house should have stabilized. If the spreading crack between the floor and walls gets too unsightly, remove and renail the baseboard molding, driving the nails through the floor rather than into the wall. This will cover the crack and allow the molding to ride with the receding floor rather than with the wall.

■ I'm thinking of installing an exhaust fan in my kitchen. Is there anything important to know about fans before making a purchase?-W.J.S., New Jersey.

A — Yes, it's important that you first determine the capacity of the fan you will need. To do this, you must know the number of air changes per hour that's recommended for the room in which the fan will go.

The ventilation industry has figured out for you the number of air changes per hour required for each room. It calls for 15 in a kitchen, 8 in a bathroom, and 6 in all other rooms. This is only a recommendation. You may desire more if odors in your home linger, but you should never settle for less.

The fan's capacity to deliver air is expressed in cubic feet per minute (c.f.m.). To determine this capacity, multiply the cubic volume of the room (length by width by height) by the required number of air changes per hour and divide the total by 60.

Suppose, for example, your kitchen is 10x13' and has an 8' ceiling. Multiplying these dimensions you arrive at a figure of 1040 cu. ft. This figure multiplied by the recommended air changes per hour for the kitchen (15) and divided by 60 results in a required capacity of 260 c.f.m. When you shop for a fan, then, you want to find one that delivers no less than 260 c.f.m. The nomenclature plate on the fan or the specification sheet contained in the package will tell you the c.f.m. of the fan.

○ —I'm annoyed by a steady drip of water from my toilet flush tank. I've searched for leaks, but there don't seem to be any. Can you tell me what to do before I scrap this tank for a new one?-D.R.H., West Virginia.

A -Save your money. Your "hidden leak" is not a leak at all. The dripping is due to flush-tank condensation which occurs when moisture in the room-temperature air condenses on the cold sides of the tank. There are several things you can do

One solution is to place an insulating liner around the inside of the tank. The liner is sold in hardware and home-supply stores. It must be in full contact with the inside surfaces of the tank and bonded with cement to prevent cold water from seeping between liner and tank surface.

Another method you can employ is to install a tempering valve in the water line feeding the tank. This is designed to raise the temperature of the water before it reaches the tank. It's simply a mixing valve with one side hooked up to the cold water feed line and the other to a hot water line. This enables delivery of warmer water to the tank. As long as the tank surface is no colder than room air, there will be no condensation.

If you ever have to replace that old fixture with a new one, give some thought to the installation of a dripless tank. This has two walls with an insulated sealed air space between them which effectively prevents condensation. THE END

Now, at home, you can easily

MAKE THESE LUXURIOUS DEEP-PILE HOOKED RUGS

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no 277

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modern...4 shapes: oval, rectangular, circular, semi-circular...184 sizes...51 colors (pick your own, if you prefer, to harmonize with room).

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MAIL COUPON TODAY for new 24-page full-color BOOK OF RUGS plus actual 100%-wool swatches in every color

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Please send me your new 24-page full-color Shillcraft Readicut Rug Book, showing 69 distinctive rugs and how to make them-plus 100%-wool samples in all 51 colors, I enclose 25¢ in coin to cover handling cost, but otherwise there is no obligation.

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Roses and Ivy" no. 77

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Why your dentist may recommend Crest at your next checkup

Your dentist would much rather prevent cavities than fill them. So, in addition to the care he gives your family at six-month checkups, he may give advice for daily care at home.

He may show you how to brush. He may say what you should—or shouldn't—eat for fewer cavities. And he may recommend Crest.

If your dentist does recommend Crest,

consider it a tribute to your good sense. He realizes that you will use Crest as a part of a good dental program—not as a substitute for it.

As an expert on oral health—and a good friend besides—your dentist stands ready to help you make your dental-health program even better. For your family's sake, why not ask him about Crest at your next checkup? "Crest has been shown to be an effective decaypreventive dentifrice that can be of significant value when used in a conscientiously applied program of oral hygiene and regular professional care."

Council on Dental Therapeutics American Dental Association



'Pink Buttons' zinnia has 1½-inch blooms and grows 10 inches high. It flowers all summer long and is excellent for cutting.



Cockscomb 'Fireglow,' which comes from Japan, is redder than older varieties, has $6\frac{1}{2}$ -inch heads and grows 18 inches high.



Cactus-flowered zinnia 'Bonanza,' the top All-America Selections award winner for 1964, has flowers up to 6 inches across and 2 inches deep. It makes a vigorous, bushy, free-blooming plant 30 inches tall.



'Evening Glow' salvia is a distinctive new color for 1964 gardens. It makes uniform, base-branching plants to 18 inches high.



Marigold 'Geraldine' has large, chrysanthemumlike flowers ideal for cutting. It grows 21 inches high and almost as wide.



'Candy Stripe' is a brightly colored new verbena that includes red, pink, and white, solid and in random striping and splashing.



'Joseph's Coat' is something new in roses a multicolored variety that can be grown as a specimen shrub, a pillar, or a climber!

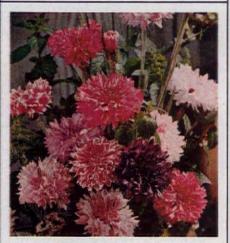
Want to get a touch of spring fever in January? Then shift your sights to the gay new flowers that'll make your garden even brighter this year than last. Before January is far along, seed and nursery catalogues will be in the mails. Better write for more if you're not on enough mailing lists! Then with the first arrivals you can start weighing the pros and cons of all the new colors, shapes, and sizes of flowers and plants being shown for the first time this year. Meantime, here's a preview of the best new things to be on the lookout for-and to nudge you into the spirit of springtime now.

First take a look at the new annual flowers. They're the kind you can start from seed or buy as ready-to-bloom plants later on. For 1964 there are four All-America Selections award winners—two zinnias, a cockscomb, and a salvia—which have won top honors after trials in all parts of the country.

'Bonanza' zinnia, the leading AAS winner, has been called the finest giant cactus-flowered zinnia ever created; 'Pink Buttons' zinnia is (continued on page 96)



Petunia 'Heart Throb' is the first of a new class of miniatures that produces dense, moundlike plants not over 10 inches high.



'Pink Julep' is a new bachelor button or cornflower that includes a cheery mixture of white, pink, red, and cranberry shades.



'Cleopatra' canna has enormous flowers in brilliant reds and yellows and both light and dark foliage. It grows 3 to 4 feet high.

NEW FLOWERS 1964



Selected by
"The House of Good Taste"
for exhibition at
the 1964 World's Fair

Yes, "World's Fair Salute" was selected for mass plantings at one of the outstanding ex-

hibits at the New York World's Fair. Located right next to the main entrance to the Fair will be "The House of Good Taste" — displaying three beautiful homes.



VELVETY RED! HUGE 6" BLOOMS! VERY FRAGRANT!

Here, without doubt, is just as perfect a red rose as you can get . . . a brilliant red, so beautiful, so fragrant, so hardy that it was selected by a test panel of home gardeners as the outstanding rose for 1964 . . . a velvety-red so colorful and so breathtaking to behold that it was also selected as the rose to be exhibited at the 1964 World's Fair!

And just as it will add color and glamour to the World's Fair, so will it make your 1964 garden more beautiful than ever! The long, sleek, pointed buds unfold ever so slowly . . . gradually

opening into huge, 6-inch, high-centered blooms. On slightly opened bud or on the fully opened bloom, the color remains bright and shining . . . the rich crimson-red holds up even in the hottest sun. What's more, the blooms are long-stemmed and fragrant!

and fragrant!
Yes, World's Fair Salute is colorful, fragrant, beautiful—and extremely hardy...so easy to grow. It's a real prize for your 1964 garden! And you'll see many other wonderful roses in the J&P Catalog—which is yours, FREE, if you mail the card today!

MORE BRAND-NEW J&P PRIZED ROSES



GOLDEN LUSTRE
This many-hued Hybrid Tea is a
sheer delight with its shimmering
gold, apricot, orange and bronze
tones. Fragrant, too (P.A.F.)



BONNIE PINK
Produces very large blooms for a
Floribunda – up to 5" across!
Beautiful pink blooms, too – with
darker pink center. (P A.F.)



LAVENDER CHARM

A new lavender Hybrid Tea — and one of the best! Freely-produced, long-lasting, 50-petaled blooms are very fragrant! (P.A.F.)



An important new Climber – produces orange-coral blooms freely all season. Blooms in clusters and individually. (P.R.R.)

Spring 1964 CATALOG OF ROSES FREE

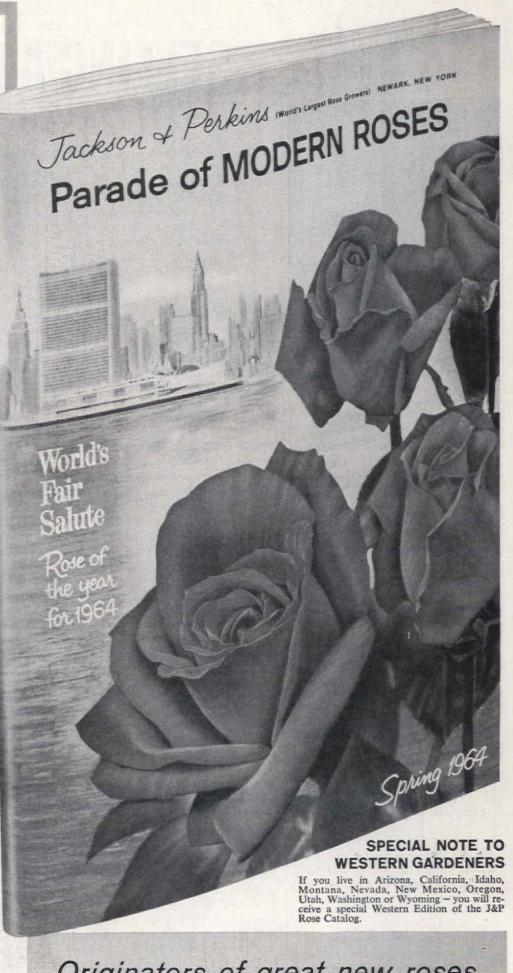
SEE THE WORLD'S FINEST ROSES -ALL IN GLORIOUS FULL COLOR

Just fill in, detach and mail the postage-paid card provided—and you will promptly receive, absolutely free, Jackson & Perkins' Spring 1964 Catalog of Roses... the one catalog that will enable you to plan, plant and grow the most beautiful rose garden ever!

In it you'll see—all in glowing full color—scores upon scores of the world's finest roses . . . glorious Hybrid Teas that bloom up to 7½" across . . . Floribunda Roses that produce hundreds of blooms on every bush . . breathtaking Climbers that provide curtains of color to drape over fences, porches, etc... magnificent Tree Roses that bloom at eye level... exquisite Miniature Roses that produce dozens of blooms no bigger than your fingertip!

You'll see all the brand-new roses for 1964 — like World's Fair Salute (shown on the opposite page) . . . as well as the four other new roses described on this page. And you'll see all of the most popular varieties — all of the "Roses of the Year," All-America Winners, Gold Medal Winners, etc. — in short, the most wanted roses in existence! And they're all guaranteed to live and bloom in your 1964 garden — and for years to come!

Since so many of these J&P Roses will be in very short supply, and since some of them are unobtainable from anyone else—we sincerely urge you to send for your FREE Catalog today. Remember—it's easy to get it...all you do is fill in, detach and mail the handy postage-paid card provided. Do it now!



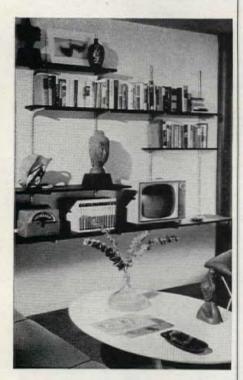
Originators of great new roses since 1872

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make it beautiful and useful with K-V adjustable shelf hardware!

So easy to install—just a screwdriver is all you need! Such an easy way to put blank walls to use—beautifully! Inexpensively, too. K-V No. 80 Standards and No. 180 Brackets assure sturdy, no-wobble, no-sag shelving. Standards from 18" to 144", haye 1" adjustment slots to make rearranging simple and quick. Brackets from 4" to 20". Three decorator finishes: Satin Anochrome, Satin Brass and Ebony.

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Just tap down the bracket and the tension extends the <u>full length</u> of the backplate to grip forever if you want it to. Yet one light upward tap and the bracket is out for shelf adjustment! So new, it's patented!

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SELLING A HOUSE

FEMALE-STYLE

Selling a house is a rough, tough man's game. But who knows how many thousands of fragile females get saddled with the job each year? When George pops off to a new job in Boston or St. Louis, it's George's wife who's left behind to pick up the attic, the kids' report cards, and any other loose ends. "What'll I do about the house?" she asks. "Sell it!" he shouts, over the roar of the jets.

At this point, any woman worth her smelling salts will quietly lie down on the runway and let that be that. She knows she's an absolute ninny about real estate. She knows she knows nothing about furnaces and hot water pipes and rock wool insulation. She knows that whatever she does, it wouldn't be what George would do; if only George were here.

Aha. Therein lies the lady's out. There are only two ways to sell a house. Like a man. And like a woman. Obviously, you're not half the man your big, shrewd, hardheaded husband is, so why even try to be? If you have a house to sell, sell it like a woman—with every subtle, sexy, scatterbrained trick of Eve at your painted finger tips. Think positive, feminine, uninformed, feather-brained thoughts—and relax!

Take the matter of repairs. People will tell you that a leaky faucet or a holey screen is the kiss of death. But this is no time to tackle all your little eyesores from attic to basement. The fact is that even the experts don't agree that fixing up is worth the time, trouble, and money. Forget about glaziers, carpenters, locksmiths, and plasterers—handle matters in your own way.

Sure, the doorway is crucial. But never mind getting the steps painted, the doorknob tightened, and the bell working for the first time in years. Go out and buy two dozen pots of the biggest, brightest, reddest geraniums you can find and plop them by the entrance. Is there a long, trailing crack in the kitchen wall? Hang a pot of long, trailing philodendron over it. It's as easy as powdering your nose!

You're probably worried sick about the basement. But most people feel the same way about basements you do, which is not deeply. In any event, they figure it's your junk that's littering it up, and that will disappear with you. Most wives don't even bother to make the trip down. And, most men who go down to look at the basement don't have an idea in the world what they're supposed to be looking at or for. The less they know, the longer they stay—foolishly tapping this and thumping that until they feel they can safely come up.

What about the closets? The closet myth is the biggest one of all. No woman ever bought a house because of its beautiful, big closets but plenty of women have bought a house in spite of its little, puny ones. When a woman falls in love with a house, she'll rationalize away any of its faults, including closets. So don't bother straightening them up and emptying them out to make them look bigger. You'll do much better to hang scented pomander balls about and move your most breath-taking negligee right smack up front. Men, of course, don't even look in the closets-they know the smallest one will be theirs.

Beginning to get the idea? You're not selling a house—you're staging a production. You're creating a mood, an atmosphere, an ambiance that will sell your house much quicker than low fuel bills or storm windows throughout. And you want to sell fast, in the first mad flurry of excitement over a new listing.

The next step is the build-up. Where would Cleopatra be without the advance hoopla? Way before you're ready to put the house on the market officially, let word leak out that it's coming up for sale, eventually, some day. It will drive the real estate people wild. Real estate people are the most impatient people in the world. They'll want to swoop up your house on the spot-see it today, show it tomorrow, and sign the contracts the next day. They'll use every argument and blandishment in the book to try to get in the door. But don't even crack it. Sweetly and smilingly tell them that your husband is in charge, that you can't make a move until you hear from him.

By the time you are ready, good and ready, they'll be eager as hound dogs. You'll have had time to spruce up. And you'll have established a psychological atmosphere—confident, unhurried, almost indifferent.

What's more, when it comes time to unveil the house, you can do it with a bang. Brokers are busy people with complicated schedules, and you can't expect to catch them all in one net. They come trickling through a house at any hour of the day, any day of the week. But not your house. Having kept them dangling in suspense so long, you can invite one and all to one big "open house." Chances are they'll all come. And be delighted they did.

If you've ever primped and polished the house for a party, you'll do it now. You'll have the furniture gleaming, the floors glowing. You'll have flowers blooming all over the house. You'll have (continued on page 88)

THE HOBBY YOU CAN ENJOY

ALL ALONE

OR ALL TOGETHER

Music is the mood-matching hobby. Feel quiet and reflective? Feel "lost," uncertain, troubled? Then sit alone at the Conn Organ and let your fingers wander idly over the wondrous keys. What a source of relaxation and consolation and inspiration! But when you feel a surge of happiness and wish to share it-then gather the clan around the Conn and strike up a gay tune. Soon your home will be filled with music and song and warmth and affection. And the whole neighborhood will take on a brighter glow!

We repeat—all alone...or all together...you and your family can work wonders with a Conn. And it's so very easy. You see, Conn has developed a remarkable new learning method called "Instant Music." If you know your alphabet from "A" to "G," you can play any one of 39 familiar songs in a matter of minutes!

Not only that, but you play with both keyboards, with various instrumental effects, and with the foot pedals, too. You play, in fact, just the way a professional organist does—naturally, with true human expression.

That's because the Conn is created by music men, not gadgeteers. It has no gimmicks, no pushbuttons, no one-finger chord makers. It is, instead, a professional-quality home instrument of great tonal versatility and musical potential...created by C.G. Conn, Ltd., world's largest manufacturer of band instruments.

Your Conn Organ dealer can arrange easy terms on any of seven beautifully-crafted models. Prices start at \$995—a modest figure for a lifetime of family enjoyment. For your copy of our helpful free booklet "How To Choose An Organ," plus a free LP record "Caprice Capers," just write to Dept. AH-7, Conn Organ Corporation, Elkhart, Indiana.

CONN ORGAN



1st stop: Knorr Beef Noodle Soup...extraordinary! Beef soup that sings out its English inspiration—that's Knorr® Beef Noodle Soup Mix! The beef is bully, the aroma hearty and delectable, the soup different from any you've ever tasted before! It's just brimming with baby beef balls, freshcooked egg noodles, a host of fine vegetables . . . and the flavor of adventure only Knorr gives soup!



2nd stop: Squire Soup

- 1 foil pak Knorr Beef Noodle Soup Mix · 1 tomato, peeled and finely chopped
- 3 cups water

Boil water in saucepan. Stir in soup mix. Add tomato. (No salt or other seasoning needed.) Bring to boil again. Reduce heat, partially cover and boil gently 5 minutes. 4 servings. Enjoy it at lunch with grilled cheese sandwiches and fresh fruits. Delicious for supper with cheese rarebit and crisp green salad.

3rd stop: Huntsmen's Stew

- 1 foil pak Knorr Beef Noodle Soup Mix
 1 lb. boneless chuck, cut into 1-inch cubes
- 4 medium potatoes, peeled and diced
 2 cups water 1 medium onion, chopped 3 Tbsp. oil

Coat chuck with flour. Heat oil in large skillet. Add beef. Brown on all sides. Add onion; cook 5 mins. Stir in water and soup mix. (No salt or other seasoning needed.) Bring to boil. Cover, reduce heat and simmer 30 mins. Add potatoes. Simmer until tender, about 30 mins. Serves 4.

Knorr makes Europe's best selling soups

CHICKEN NOODLE . BEEF NOODLE . HEARTY BEEF · SMOKY GREEN PEA · CREAM OF LEEK · CREAM . GARDEN OF MUSHROOM . GOLDEN ONION VEGETABLE . SPRING VEGETABLE





To his living room, he added a cabinet that stopped just short of being enormous. Nine cubic feet of enclosure was considered minimal for the reproduction of respectable bass tones. His rule of thumb was: the bigger the baffle, the better the bass.

The lady of a hi-fi household was thus sorely tested. But she generally gave in in the interests of better sound, plus the love of a hi-fi-minded mate. When stereo subsequently sounded its three-dimensional call demanding still another monster loudspeaker enclosure, the ladies stood firm. Something had to give and the bookshelf-size loud-speaker-a manageable two cubic feet-was born.

Well, that's not quite true. Actually, even before stereo's bow, Edgar Villchur of Acoustic Research was producing the popular AR speaker. It was bookshelf size and produced respectable sound in the low-frequency region. As Villchur's British competitor, G. A. Briggs (Wharfedale Wireless Works, Ltd.), phrased it, "Edgar got a quart of bass from a pint container." Other manufacturers aimed in the same direction; a proliferation of bookshelf-size speakers appeared in audio shops.

The uncompromising audio ingroup still sniffs at these midgets and one must concede they have the laws of physics on their side. Yield them the point. But also acknowledge that speaker manufacturers have extended the limits of high- and low-frequency sound reproduction possible from an enclosure of moderate size. Too, they've made the task of choosing between them extremely difficult.

Walk into an audio dealer's. What do you find?-Row upon row of shelves laden with compact speakers. They are remarkable look-alikes and the agony of choice is hardly reduced by prices ranging from \$30 to almost ten times that amount. Which should you buy? Can one possibly sound ten times better than another?

Wouldn't it be lovely if this column could tell you which is best at-let's say-\$100, best at \$200, \$300, and so forth? We can't. We could tell you which we like best and sound frightfully learned stating the reasons for our choice. But there's a catch. The speaker system we like might strike your ears in a terribly discordant way. Quite truthfully, there's no such thing as a perfect loud-speaker any more than there is a perfect beef stew, a perfect martini, or a perfect interpretation of Hamlet. It's a matter of personal taste. We will later on offer some guidelines, however.

Loud-speaker design is a fascinating business. One hears that the aforementioned G. A. Briggs actually built a perfect loud-speaker: a unit that measured perfectly. It had a wonderfully flat frequency response, which is to say, it had no peaks or valleys at specific frequencies. It didn't boost the bass region nor dip in the treble. Nor vice versa. It did nothing to excess. It had one fault, Briggs pointed out; it sounded perfectly awful. The point is, good sound in a loud-speaker cannot be pinned down by measurements or instruments. They can describe performance; but not define our reaction to it.

But take apart one of those boxes that fits so snugly on a bookshelf. What's inside? Virtually all have one thing in common-a cone-type speaker. This is a contrivance that, like the wheel, is deceptively simple. Its constituent parts are four: a paper cone, a coil of wire, a magnet, and a metal frame (or spider) that holds the other parts in precise relationship to each other. The paper cone is attached to the coil of wire, which slips into a slot in the magnet. When an electrical signal is fed from amplifier to coil, the coil interacts with the magnet. The ensuing disturbance is felt by the paper cone which stirs up adjacent air into sound waves. It flaps back and forth trying to sound like Judy Garland in front of a 100piece orchestra (or whatever).

The number of ways in which a speaker designer supports that hardworking cone could fill volumes. First, a designer would provide a sturdy magnet to react with and control the coil-the bigger, the better. It has to move the cone instantly and stop it instantly. If the cone doesn't "rest" instantly, we hear "hangover," a false sound not present in the original signal.

Another aid offered the speaker cone is to limit the amount of work it has to do; give some of it to other speakers. The better loud-speakers are systems of two, three, four, or more separate speakers, each of which has a limited task.

Consider, for example, the unit that extracts a "quart of bass from a pint container." One AR design, the 2a, uses four separate drivers, to produce what Mr. Villchur claims to be "response from 30 to 20,000 cycles." The ten-inch cone handling the low end is asked to respond only to signals in the 20-to-2000-cycle range. The signals between 2000 and 7500 cycles are reproduced by a pair of mid-range five-inch units. These are angled in the enclosure for widest dispersion of sound. Frequencies above 7500 are fed to a tiny super-tweeter.

Obviously, such a system must include another element to control traffic, shunting the high, low, and midrange frequencies to the proper speaker. This is the dividing, or crossover, network-a filtering system, letting some frequencies pass and attenuating or reducing the others. The AR-2a has a pair of these filters.

Edgar Villchur knows that selection is a matter of personal taste. He is also aware of the part played by the listening room in the final quality of the sound. So he began a rental policy which enabled the buyer to sample speakers at home.

The other way of sampling speakers is in the living room environment set up by many high-fidelity dealers in their stores. A switching arrangement allows you to compare different speakers in the same price range. In this way, you can hear how Jensen's or Electro-Voice's, or Wharfedale's (there's Mr. Briggs again) compare with AR's, or Fisher's, or Scott's, or Bozak's.

And here's a tip. Don't try to listen to everyone's at the same time. It's almost impossible to compare more than three speaker systems at once: more will confuse you.

Don't settle for cheap speakers if you've made much of an investment in other components. This is wasteful. Inexpensive, badly designed speakers cannot deliver the full signal fed to them by good equipment. As a rule of thumb, budget about one third of the system's cost for speakers.

Shopping for speaker systems is a bit like wine-tasting; their qualities are not easily defined, and it's helpful to have a spate of adjectives handy. They may not be accurate but they'll guide you in deciding why you prefer one speaker system over another. Words like brilliant, more body, smooth, bright-sounding, tubby, thumpy, warm, mellow, sharp, and muted will help determine how that flapping piece of paper cone sounds to you. THE END





the family Frigidaire refrigerator

Roomy enough to satisfy the hungriest warrior (and his mother)... that's the family Frigidaire refrigerator. It makes home a place a fellow is glad to come back to because it always holds plenty of food to give him a welcome. Look inside any Frigidaire refrigerator and observe. No thick walls to cut down space. No rounded corners. Every corner squared to make more space. Every inside inch designed to give you a place and space for everything from a big roast to a head of lettuce. It's great for a child to grow up in a home with a family Frigidaire refrigerator, and there's one for every size family and purse. All with the famous Frigidaire quality that makes people say "there's just no substitute for the real thing—the original Frigidaire refrigerator." A product of General Motors. Factory-trained servicemen everywhere, of course.





FRIGIDAIRE

The 1964 accent is on individual furniture pieces specially designed for today's way of life. Outstanding examples in every style emphasize more comfort, cleaner lines with less surface embellishment, and greater utility. These will be available early this year.

- 1. PROVINCIAL WING CHAIR is compatible with French, Italian, or American country furnishings. \$195.50 as shown. Globe Furniture Co., High Point, N.C.
- 2. BUTLER'S PANTRY storage unit has plastic serving counter and electrical outlets. \$229. Kroehler Mfg. Co., Naperville, III.
- 3. VERSATILE BUNK BED is easily converted to single beds, \$99. It can be purchased with a trundle bed so you can sleep three. The trundle bed is \$44. From Stanley Furniture Co., Stanleytown, Va.
- 4. CHEVAL GLASS of solid cherry has a handcrafted look. Available in March for \$89.95. Heywood-Wakefield, Gardner, Mass.
- 5. LONG, LOW TABLE with two neat upholstered benches will fit into







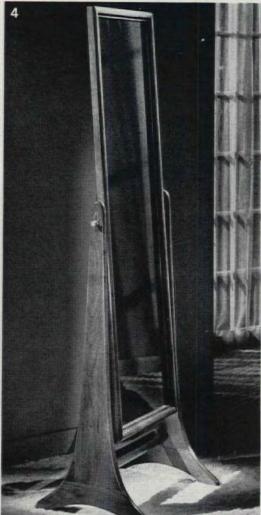
many furniture arrangements in small houses. 20x66x19". \$180. The Lane Co., Altavista, Va.

- 6. SEMAINIER, good daily organizer, has days of week stenciled in gold on leather drawer fronts. 24x19x54½". \$170. Basic-Witz, Waynesboro, Va.
- 7. TELEVISION CHAISE brings new comfort into the living room. 51-inch-long seat is cushioned with foam. \$139. From Kroehler Mfg. Co., Naperville, III.
- 8. SOPHISTICATED BIEDERMEIER style, was long a decorator's prerogative. This handsome chair is \$59. "Delphian" group. Thomasville Furniture, Thomasville, N.C.
- 9. COMFORTABLE OCCASIONAL CHAIR makes news with plump but trim silhouette on slender, curved stretchers. 27x26". From \$150, depending on the fabric. Thayer Coggin, High Point, N.C.
- 10. PROVINCIAL TABLE DESK, large but lightly styled, makes a dramatic focal point for foyer or living room. 66x26x30". \$110. Bassett Furniture, Bassett, Va.



















See Weldwood paneling on ABC-TV, "Wagon Train," Mondays; "Ron Cochran With The News," Thu.-Fri.

Room Design by Marvin Culbreth, N.S I.D

Why let a bedroom sleep all day? Wake it with cherry paneling

—at a cost that's eye-opening. Turn a room that's a sleeper into a pleasant full-time retreat. A private haven that even youngsters think twice about invading. A place to read, muse, write letters, concentrate. Or just unwind from the day's tensions. Wood paneling creates exactly the right mood. Combines a restful warmth with a touch of formality. Weldwood® De Luxe cherry (shown above) for a 12' x 8' wall costs

only about \$75. And this is but one of over 70 types you can choose from—some as low as \$25 for a 12' x 8' wall. Weldwood paneling keeps its beauty. It's finished by an exclusive 18-step process, using genuine lacquer—like fine furniture. Needs practically no care and lasts a lifetime. Go see the paneling for yourself. But check to make sure it's Weldwood. You'll find the name stamped on the back of every panel.

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A flameless electric clothes dryer is wonderfully convenient. Its action is so gentle, and it leaves no odor on your clothes.

Because it's flameless, it has fewer than half a dozen mechanical parts. And not needing any flue, it can be put wherever you want it.

Talk to your local appliance dealer soon about a flameless electric clothes dryer. You'll take an important step toward the joy of total electric living.



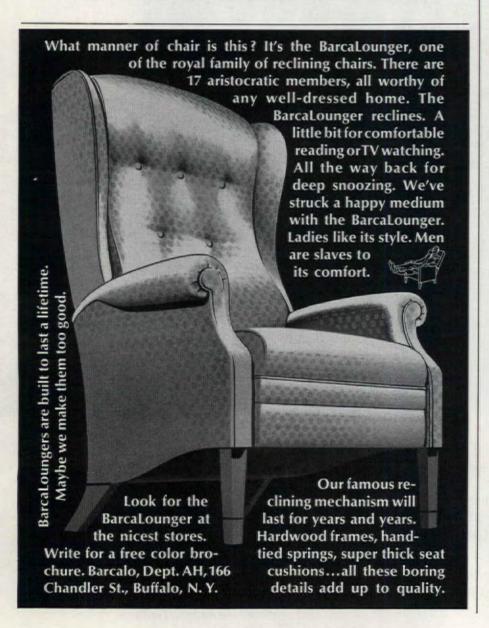
This Gold Medallion identifies a total electric home in which a modern family enjoys a new concept of living comfort with flameless electric home heating and appliances.



THERE'S A HUE FOR YOU in the vivid spectrum of Pennsylvania House accent colors...gay, new style note in decorating with Americana. The dry sink shown in Antique Green is available in five other colors as well as in handsome wood tones...and so are hundreds of other fine Pennsylvania House pieces in solid cherry and maple. It's a wonderful feeling to own the finest! Send 25¢ in coin for our colorfully illustrated brochures of Early American furniture.

PENNSYLVANIA HOUSE

DEPARTMENT A-14, LEWISBURG, PENNSYLVANIA



ECORATIVE DIVIDERS

Handsome partitions turn open floor plans into more useful areas. While creating a sense of privacy, they also help decorate entrance halls, provide a background for furniture, and introduce architectural interest. Seen below, the patterned glass panels permit filtered light into a windowless foyer, giving it an important, separate personality.





Door and partial wall are made of wood strips in egg-crate design mounted in wood frame. The delightful play of light and shade gives both rooms added dimension. *(continued)*

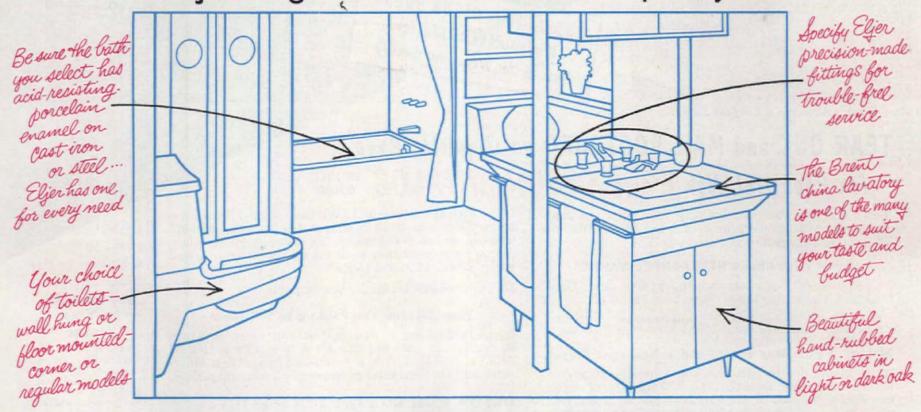


Easton Wall Hung Toilet

Delray Bath with Corner Seat

Brent Lavatory with Cabinet

Eljer... for the newest in design, just-right colors and finest quality



Yes, bathrooms can be different. Match your personality, your taste, your pocketbook, with any of Eljer's original designs and colors. Compare quality—styling—and you'll buy ELJER. Ask your contractor

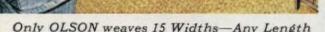
about Eljer products, or write for Eljer's colorful "Bathroom Ideas" booklet to The Murray Corporation of America, Eljer Plumbingware Division, P. O. Box 836, Pittsburgh 30, Pennsylvania.



ONLY from OLSON can you get So Much BROADLOOM Beauty, Luxury at FACTORY-TO-YOU SAVINGS



NOW-Exclusive, New-Type CARPET for Wall-to-Wall with Pile All On One Side.





138 Rug Sizes-America's Largest Selection

NOW-Finer OLSON RUGS Woven REVERSIBLE for Double the Wear and Luxury

TEAR OUT and MAIL POSTCARD on Opposite Page

for Beautiful, New FREE OLSON CATALOG IN FULL COLOR

Tearn how you, too, can beautify your home inexpensively with lovelier, longer-wearing Olson Rugs or Wall-to-Wall Carpeting at Factory-to-You Savings.

Woven With Choice NEW CARPET YARNS

Why Pay More? No matter where you live, Mail Card for Free Catalog. See the savings. Your choice of:

Solid Colors

Tone on Tone Early American
Embossed Effects Oriental Designs

Making a Fine Rug Finer-and a New-type Carpet

NOW, in addition to Famous Olson Reversible Rugs, the finest we have ever woven in all our 90 years, we offer you our Exclusive, New Broadloom with pile all on one side for wall-to-wall carpet. All permanently Moth-proofed.

Only Olson Has Looms in 15 Widths to weave Broadloom Rugs, Carpets up to 18 ft. wide and any length—without waste or seams. We eliminate the wasted vardage others charge for because they must cut all sizes from rolls in 3 widths: 9 ft., 12 ft. and 15 ft.

No middleman's profits for you to pay.

They'll Think You Paid Up to 50% More

Without Risking a Penny, you can order any rugs in catalog—and we will ship them to you for a HOME SERVICE TRIAL. You are protected by the Olson Guarantee and the Guarantee of America's leading magazines.

OLSON RUG CO., Dept. E-2, Chicago 41, Ill.

World's Largest Makers of Rugs, Carpets Selling Direct to the Home!

Only \$5 Down-Up To 24 Months To Pay

See Samples In Your Home

In many cities we have factory trained men who can come to your home if you wish. We will send his phone number with the catalog.

(continuea)

Panels of white casement fabric screen kitchen from the living room. They are suspended from brass rods at the ceiling and weighted by rods thrust through deep hem.





Persian lattice design made of plywood separates living and dining rooms. Based in a brick planter, it serves as backdrop for hanging plants, is decorative in both rooms.

(continued)



Married women are sharing this secret

... the new, easier, <u>surer</u> protection for those most intimate marriage problems

What a blessing to be able to trust in the wonderful germicidal protection Norforms can give you. Norforms have a highly perfected new formula that releases antiseptic and germicidal ingredients with long-lasting action. The exclusive new base melts at body temperature, forming a powerful protective film that guards (but will not harm) the delicate tissues.

And Norforms' deodorant protection has been tested in a hospital clinic

What a blessing to be able to trust in the wonderful germicidal protection Norforms can give you. Norforms have a highly perfected new formula that releases antiseptic and germicidal ingre-

And what convenience! These small feminine suppositories are so easy to use. Just insert—no apparatus, mixing or measuring. They're greaseless and they keep in any climate.

Available in packages of 6, 12 and 24. Also available in Canada.

Tested by doctors...
trusted by women...
proved in hospital clinics

PEMININE SUPPOSITORIES

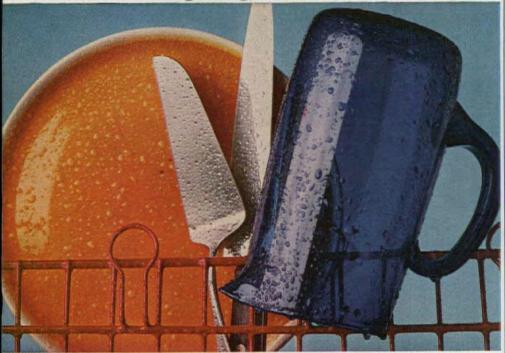
Norforms

FREE informative Norforms book	ef
Just mail this coupon to Dept. AH	
Norwich Pharmacal Co., Norwich	, N.Y.

Please send me the new Norforms booklet, in a plain envelope.

Name	Manager Burger	
	(PLEASE PRINT)	
Street		-

Dishwasher giving you spots? Look!



WATER DROPS—See what happens when even clean water is sprayed on dishes. Drops like these dry into ugly spots and streaks.

CASCADE-Because of Cascade's "sheeting action," drops don't form. Cascade with Chlorosheen does it-and only Cascade has Chlorosheen



Cascade's amazing "sheeting action" eliminates drops that spot!

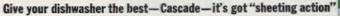
Nothing beats Cascade at getting dishes clean. Cascade's remarkable "sheeting action" even eliminates the drops that cause ugly spots. Water ripples right off in clear-rinsing sheets. Dishes, glassware and silver come from your dishwasher as spotless and sparkling as possible, all ready for the fanciest table without the need for towel touch-ups.

And Cascade is rated safe for china patterns. The makers of Cas-

tleton, Flintridge, Franciscan, Lenox and Syracuse china -through the American Fine China Guild-have verified Cascade's unsurpassed safety to delicate patterns.

recommends Cascade. So do women everywhere. They've

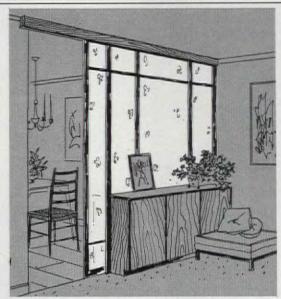
What's more, every leading dishwasher manufacturer made it America's favorite dishwasher detergent by far!





(continued)

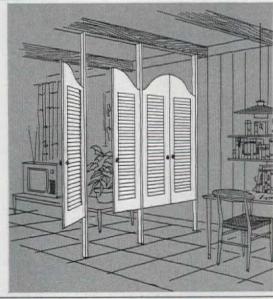
The sketches shown here are just a few more of the almost endless possibilities for room dividers. There are no limitations on the materials you can use. A wood framework or metal support combined with decorative material-glass, plastic, plywood, or cloth-plus a little imagination will result in an attractive, unique divider.



Translucent plastic, with delightful flower or butterfly pattern, set into wood framing softens harsh lighting between rooms. It can fit around any existing furniture.



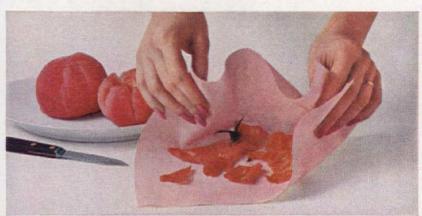
A slatted wood curtain, hung on a track inside the wood cap, provides any degree of opening desired. Below it racks and shelves are fastened between the uprights.



Louvered door panels hinged to 2x2 supports lend charm to many decorating schemes. For an unusually striking effect they can be extended all the way across the room.

(continued)

ScotTowels help you wrap up work and throw it away!



Peel and slice tomatoes over a strong, absorbent ScotTowel. It stays strong 1. Peel and slice tomatoes over a strong, absorbent scottenial even when wet, so peels and juice pick up neat and clean. No messy counter to clean. (Pare apples, potatoes or shell peas over a big ScotTowel, too!)



Polish silver with and on ScotTowels. 2. Polish silver with and in Scratching. They're so soft there's no scratching. No messy rags . . . counter stays clean.



3. Dry hands on a ScotTowel. Fast, efficient—because of "extra drying power." Cuts down washing, ironing.



Dump coffee grounds onto a big, absorbent ScotTowel. No grounds in sink-no stained sink or dishcloth!

8. Fill cigarette lighters over an absorbent ScotTowel,

then toss the ScotTowel away. No fluid spilled on counter-

no fire hazard from combustible

9. Pamper baby with a fresh, absorbent bib made from

rags cluttered in the closet.

- 5. with strong, absorbent ScotTowels. Vegetables stay Line refrigerator crisper fresher. (To clean bin, just lift out the ScotTowel "liner.")
- 6. Clean the TV screen with soft, lint-free ScotTowels. Dirt from heat or smoke whisks away-pictures will look clear again. No dusty rags to wash!



Place big, absorbent ScotTowels 7. under your pet's bowl. They soak up spills, keep floors dry and clean.



Drain lettuce on an absorbent 10. ScotTowel. Toss away outer leaves, core, ScotTowel in one step!

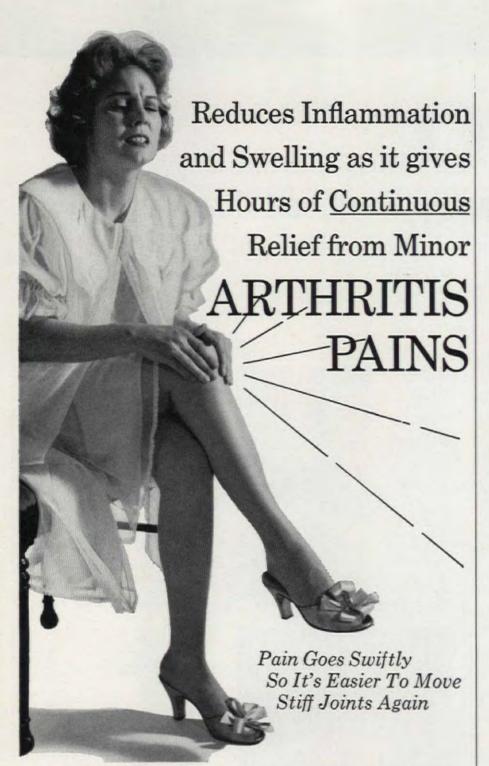
Here's why ScotTowels do all these jobs so well

The unique combination of softness, bulk and absorbency makes ScotTowels ideal for everything from scouring pans to drying hands. Big-softer than ever before-ScotTowels now have extra drying power built into every sheet. No wonder ScotTowels far outsell every other brand! Get the Regular or Big Roll size today!



soft ScotTowels. Saves you scrubbing soiled cloth bibs. Put another ScotTowel on the high chair tray as a catchall.





Young people as well as old may be victims of rheumatoid arthritis—4 out of 5 cases occurring between the ages of 25 and 50.

For the person in pain, every morning means another day of suffering. The cause? Inflammation around joints that brings on stiffness.

Medical Research Reports

As yet there is no cure. But medical research has definitely established that the pain-relieving medication in Anacin® gives hours of continuous relief from arthritis' minor pains—even such pain arising from deep in the joints. And this medication has been judged safe for

long use by one of the world's leading authorities on arthritis.

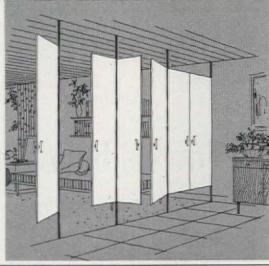
Minutes after taking Anacin you get relief. And, so important, Anacin contains a specific ingredient which reduces the inflammation around joints that brings on stiffness. Hour after hour, Anacin keeps on giving relief, thus enabling you to move more freely. In fact, tablet for tablet Anacin gives longer-lasting relief than any leading aspirin.

You see, Anacin is like a doctor's prescription. That is, a combination of ingredients. See if this special combination in Anacin doesn't work better for you than anything you ever tried. Take as directed.

Contains the pain-reliever doctors recommend the most



(continued)



Lightweight doors of plywood or particle board can be closed or opened depending on the need for separation between areas. Double-acting hinges are used to suspend door panels from square steel tubing uprights.



There's plenty of room for knickknacks on this divider and your favorite painting can become its focal point. Grained plywood supports and shelves look best when matched to wood accessories elsewhere in the room.



With space at a premium, a double-duty divider solves the problem. The plywood closet and cabinets are perfect for storage of sporting equipment. Perforated hardboard suspended on brass poles serves as a display board.

This range doesn't make oven cleaning easier



It eliminates it!

You get disposable aluminum foil oven linings in every Kelvinator Electric Range regardless of price. When they become soiled, you just whisk them out and throw them away.

There's no scouring, no scraping, no scrubbing.

To replace the linings, you merely slip in standard aluminum foil from your grocery store. Only Kelvinator makes it possible for you to get a spanking clean oven this easy, no-scrub way.

And to make it even simpler, the oven door lifts off for quick, easy lining replacement. Oven cleaning drudgery is gone . . . forever!

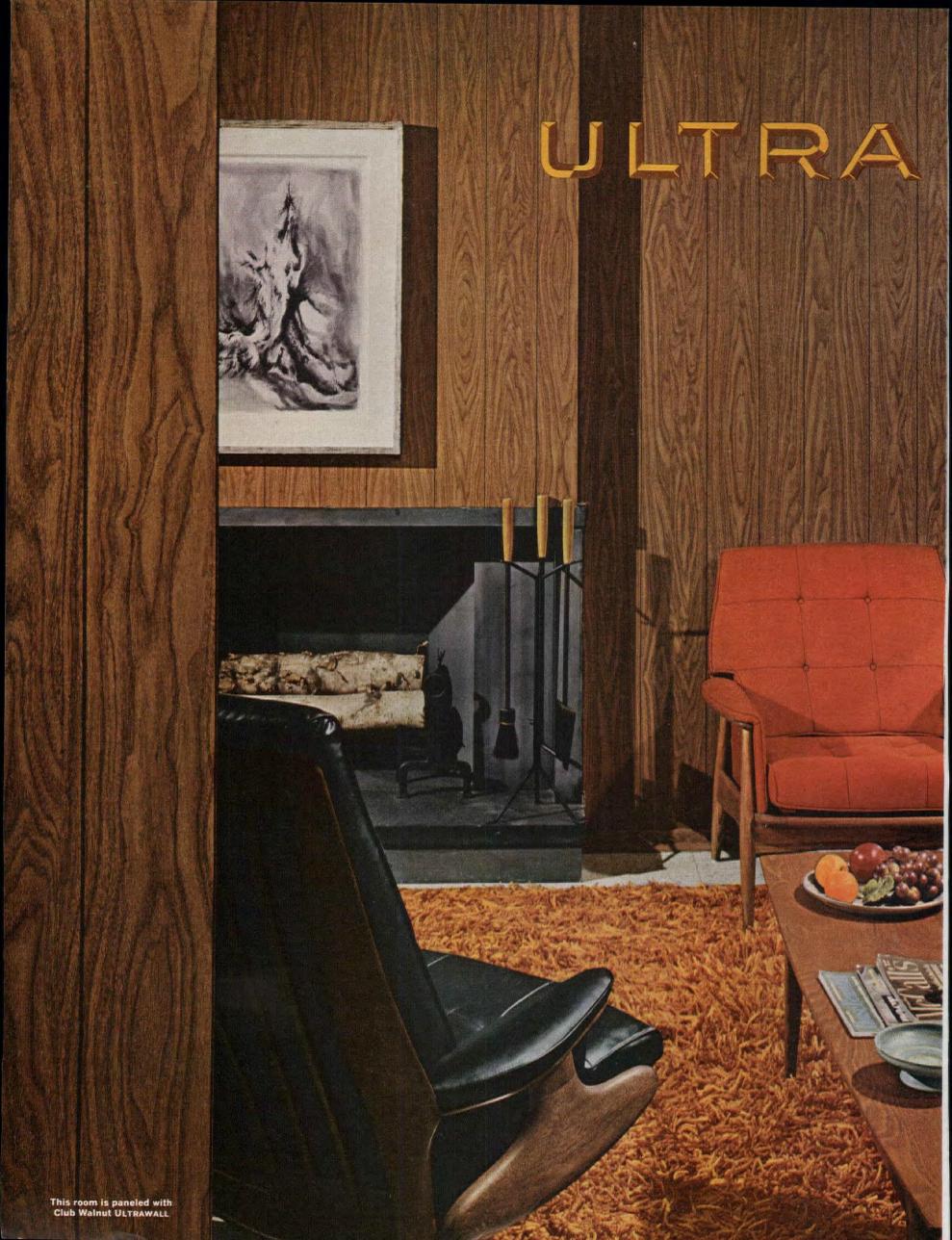
You also get such high-priced features as automatic oven light, adjustable-heat broiler, infinite-heat switches, and recessed top on every Kelvinator range. And all the automatic features you ever could want are available.

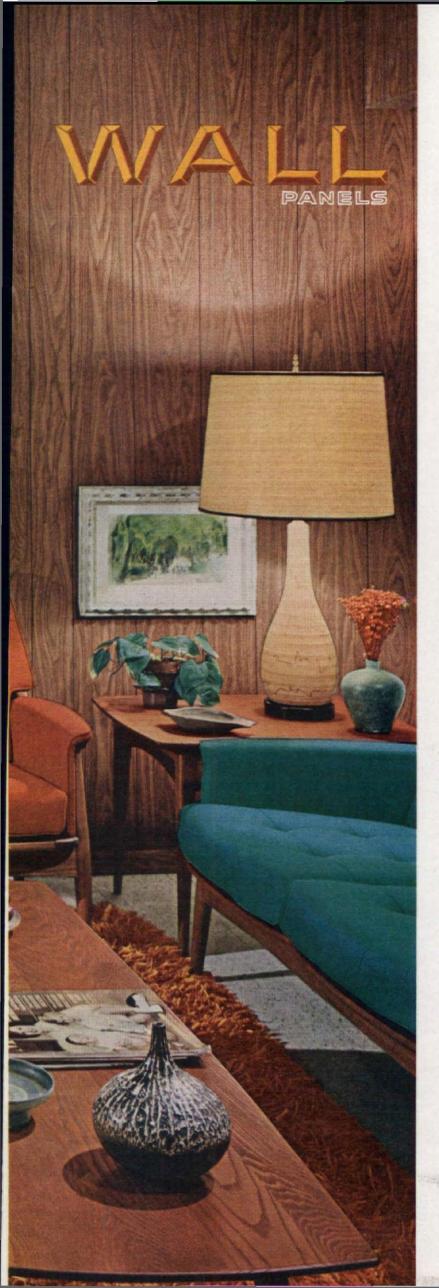
You get so many conveniences because of the Kelvinator Constant Basic Improvement program. It's another way American Motors brings you more *real value*, just as in Rambler cars.

Why clean any oven any longer—no matter how "easy" it is—when Kelvinator eliminates this drudgery entirely?

Kelvinator







A wood wall was never like this!

Pre-decorated—No painting! No warping or shrinking! No splintering! And they're fire-resistant!



Scandia ULTRAWALL



Java Teak ULTRAWALL



Orchard Cherry ULTRAWALL



Caribe ULTRAWALL

New ULTRAWALL panels look like expensive woodgrains... yet cost less than "bargain woods"

Wish you could have walls with the luxury look of exotic (but oh-so-expensive) woods? You get that "look" for lots less with beautiful ULTRAWALL panels! Choose from five patterns, each a classic reproduction of a precious woodgrain, right down to the random grooving. And a woodwall was never like this . . . so carefree, extra-durable, fire-resistant, too! Enjoy the warmth and charm of woodgrain in your home now. It costs much less with new ULTRAWALL panels.

Easier to install! No sawing, no planing! You or your drywall contractor can put up in no time with the color-matching nails on existing walls or wood framing. Or use United States Gypsum's newest development, adhesive application to framing with Sheetrock* Brand DWA-14 Adhesive and a caulking gun.



Colors and patterns of ULTRAWALL shown are accurate only within limitations of the printing process

See these new ULTRAWALL panels now at your UNITED STATES GYPSUM building materials dealer, or write for full-color brochure to Dept. AH-1, 101 South Wacker Drive, Chicago 6, Illinois.

UNITED STATES GYPSUM

THE GREATEST NAME IN BUILDING

MORE AMERICAN HOME KITS: How would you like to curl up? In a luxurious mohair afghan in cheery shades of red, yellow, and brown or a perky blue and white striped one? Our afghans are big, soft, and cuddly. They take little room when folded, open up to give generous cozy cover. Swedish Stripe Afghan below is 100 per cent Italian mohair yarn. It's knitted in the round, the lazy, easy way to knit stripes—sensible, too, because the yarns do not have to be crossed or carried over. Instructions explain how to cut the afghan so it won't run and will lie flat. Available only in the colors shown here. Round needle not included in kit. Size 40"x54". Kit No. AYW-107.



The Petal Stripe or Kitten's Ear Afghan at left is a popular old-fashioned motif brought up to date. The little pairs of kitten's ears march right up the center. The center is worked in small blocks and then joined together. The lacy blue strips on either side are done in one piece, then joined to the center strip. The knitting is fast and easy. This afghan calls for straight needles (not included in the kit). Kitten's Ear is also available in these combinations: soft petal pink with rose or in two shades of green. Yarns are fine-quality wool. The tassels are optional for either afghan. Size 46"x68". Kit No. AYW-106. SEE ORDER FORM ON PAGE 88. Dorothy Lambert Brightbill.

MAKE THESE SOFT SUPPLE AFGHANS





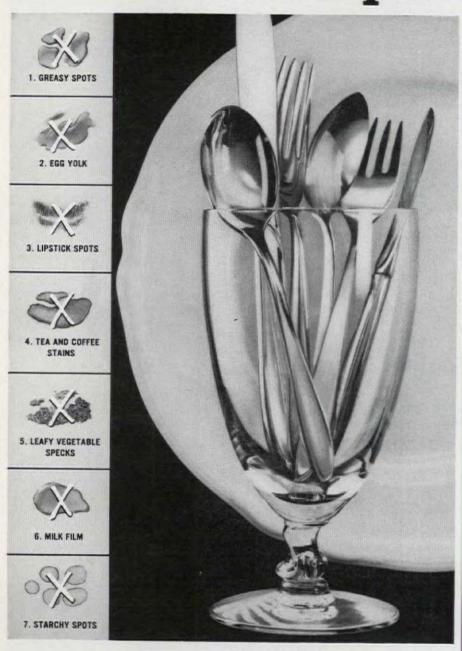
From breakfast to bedtime

extension phones work hard for you day and night, save steps and time, give comfort, privacy and protection. You can choose yours in decorator colors; just call the Business Office or ask your telephone man.



New Improved Dishwasher 211 not only ends water spots...but

dissolves 7 of the most stubborn spots



Guarantees spot-free washing...

the most spot-free glasses, silver, dishes any dishwasher can wash!

New improved Dishwasher **all** not only ends water spots but dissolves 7 other stubborn spots that trouble every automatic dishwasher owner! Dishwasher **all's** super-penetrating solution gets in and under these spots, lifts them off and floats them away. Dishware comes out sparkling clean—even after being stacked for hours in your dishwasher.

And Dishwasher **all** is recommended by every leading dishwasher manufacturer. Get new improved Dishwasher **all**—new color, new fragrance. Dishwasher **all** guarantees the most spot-free glassware, dishes, silver any dishwasher can wash—or your money back.



Dishwasher **all** is recommended completely safe for finest china by the American Fine China Guild.

BOOKS &

AMERICANS by Russell Lynes, author of The Tastemakers, is a unique story of American life. It traces the development of the American people, their customs and manners, all against the constantly changing background of the American house-with photos and illustrations of homes from the log cabin to the modern ranch house. Mr. Lynes sees Americans as restless people living in "temporary" homes which may soon become "recreation centers." An entertaining and provocative book that reveals our way of life in a new light. 295 pages. New York, Harper & Row. \$6.50.

GREAT AMERICAN MANSIONS takes you on a fascinating armchair tour of America's most famous mansions. It includes photographs and stories of such imposing estates as "Biltmore" in North Carolina, "Iona Palace" in Hawaii, and "The Breakers" in Rhode Island. It tells why they were built—some for gracious living, some as art treasures, others as flamboyant showcases of status, and relates the stories of the famous people who lived in them. Written by Merrill Folsom. 299 pages. New York, Hastings House. \$10.

GRANDMOTHER'S HOUSE-HOLD HINTS brims with clever advice on housekeeping and cooking. The author has gathered her material from her New England grandmother's library, but most of the hints are every bit as useful today as they were in the 1850's—for instance: restoring discolored tile, fixing squeaking doors, removing scorch marks from linen. There are also recipes—including Lobster Balls Ogunquit, Apple Pandowdy, and Grape Wine. Sprinkled

among the practical advice are humorously impractical hints; an entertaining glimpse into grandmother's day. By Helen Lyon Adamson; illustrated by Fred Harsh. 309 pages. Philadelphia, Chilton Company. \$9.95.

THE TREASURE HOUSE OF EARLY AMERICAN ROOMS

presents a handsome collection of period American rooms and decorative arts assembled in Winterthur, former home of Henry Francis du Pont near Wilmington, Delaware, now open to the public. The more than 100 rooms are from many states and are filled with authentic 17th, 18th, and early 19th century furnishings. Written by John A. H. Sweeney; introduction by Henry Francis du Pont; photographs by Gilbert Ask. 179 pages. New York, The Viking Press. \$8.50.

THE PILLSBURY FAMILY COOKBOOK is a complete new cookbook with a wide variety of reci-

cookbook with a wide variety of recipes for the beginner (many using convenience foods as bases) and a liberal sprinkling of the gourmet type for the experienced cook as well. It also includes information on new food products, nutrition, meal planning, table service, the use of seasonings, and pointers on food selection and storage. Almost 2000 recipes and more than 300 photographs. 576 pages. New York, Harper & Row. Available with washable covers in loose-leaf edition for \$4.95 and bound for \$3.95.

YOUR PUPPY AND HOW
TO TRAIN HIM has a wealth of
information about dogs ranging from
selection to training. Beginning with
the education of the tiny puppy, it
covers all stages and types of training
(continued on page 104)

BOOKIETS

HOW TO GET THE MOST FROM YOUR HEATING AND COOLING DOLLAR answers the question, "How do I choose the right system for the house I'm buying or building?" It gives a wealth of information on heating and cooling, including the differences among the various systems and the essential requirements of a good one. Send 50c to Dept. AH, Minneapolis-Honeywell, 2747 Fourth Avenue South, Minneapolis 8, Minn.

ADD-A-ROOM to your cramped house and come away with spacious living. This booklet includes architect's drawings and floor plans that show how a room can be added to any house and made to look as though it had always been there. It gives hints on where to get the best financing how to choose a home modernizer, and tips on heating and decorating. Send 10c to Dept. AH, DFPA Remodeling Guide, Douglas Fir Plywood Association, Tacoma 2, Wash.

MINIMUM LANDSCAPING
MAINTENANCE shows you how
to care for your grounds with maximum efficiency and minimum maintenance. It includes suggestions on
(continued on page 104)



Cherry-O Cream Cheese Pie

Fastest (and best) pie you've ever made—because of Borden's Eagle Brand: an instant dessert base blending whole milk and sugar and precooked to velvety creaminess. Combine it with the smooth richness of Borden's Cream Cheese—add the tart tang of lemon. Then it's ready for your quick pie crust. Now—on with the cherry topping! And enjoy!

CHERRY-O CREAM CHEESE PIE

1 crumb crust (9-inch) or
1 baked pastry shell (9-inch), cooled
1 pkg. (8-oz.) Borden's Cream Cheese
1½ cups (15-oz. can) Borden's Eagle Brand
Sweetened Condensed Milk
½ cup fresh or bottled lemon juice
1 teaspoon vanilla extract

1 can (1-lb., 6-oz.) prepared Cherry Pie Filling (or Cherry Glaze)*

Soften cream cheese to room temperature; whip till fluffy. Gradually add Eagle Brand Sweetened Condensed Milk (you must use condensed milk) while continuing to beat until well blended. Add lemon juice and vanilla extract; blend well. Pour into crust, Chill 2-3 hours before garnishing top of pie with Cherry Pie Filling or Cherry Glaze*.

*Cherry Glaze. Blend ½ cup cherry juice, 2 ths. sugar and 2 tsps. cornstarch. Cook, stirring constantly until thickened and clear. Stir in few drops of food coloring, if desired. Add one cup (½ of 1-lb. can) drained, pitted, sour cherries. Cool. Garnish top of pie. Pretty as a picture!



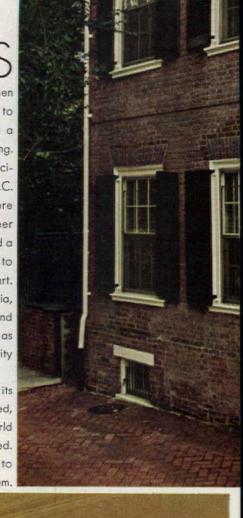
Put 'em together...you've got it made!

BEAUTIFULLY RESTORED HOMES

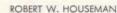
People who remodel fine old houses are very special to us. When those people happen to live in our nation's capital, their efforts to rejuvenate, refurbish, and restore the homes which have had a unique place in our country's history are even more gratifying. Thanks to a group of dedicated home owners and restoration societies, a vast restoration program is active around Washington, D.C.

It's hard to believe that our nation's capital was once little more than a wilderness. Major Pierre Charles L'Enfant, the French engineer whom George Washington engaged to design a Federal city, had a plan so grand that it took the nation a hundred years to grow up to it. As late as 1835 the houses in the capital were few and far apart. In nearby Georgetown, established in 1751, and in Alexandria, founded in 1749, there were a scattering of attractive Colonial and Federal houses built by the early Washingtonians. Little by little, as the capital city prospered more homes were built—the majority being in the Georgian and Federal styles.

Following the Civil War, when Washington began to feel its growing pains, many of these lovely old homes were engulfed, swallowed up, and passed over as we emerged into the great world power we are today. Fortunately, there are those which survived. We present a few here fully restored and as faithful to the period to which they belong as their justly proud owners could make them.





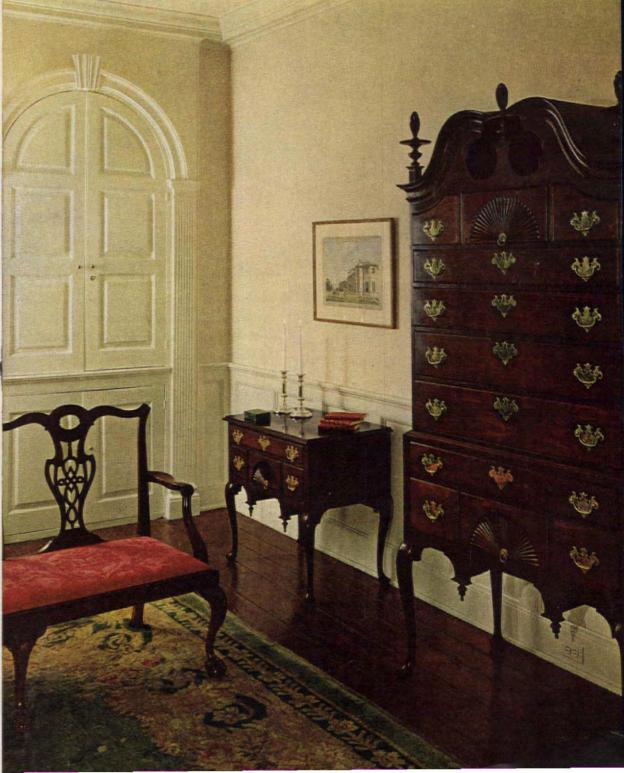


IN THE NATION'S CAPITAL

This handsome, dignified house on famous Prince Street in Alexandria, Virginia, was built by Michael Swope in 1784 or 1785. It is now owned by Mr. and Mrs. Hugh B. Cox who bought it in 1948. Says Mrs. Cox, "You buy a house like this one and then try to furnish it in keeping with its period. We had some of the furnishings when we moved in but have bought the rest since, getting rid of the less worthy pieces as we went along." * The doorway at left is one of the finest examples of Georgian woodwork in Alexandria. Like many of the early houses, this one stands flush with the ancient brick walk. * The back drawing room (lower left) has the original paneling and woodwork. Rare fireside chair and sofa, dated 1780-1785, are a charming contrast to the white walls and quiet colors in the Savonnerie rug. * The dining room offers a fine view of the brickenclosed garden. Table is 18th century Hepplewhite (American); Chippendale side chairs in the Marlboro style are by Samuel Walton of Philadelphia, circa 1770-1780; Sheraton inlaid chest with original brasses is a Massachusetts piece, circa 1800. 🖈 The library, remodeled by Mr. and Mrs. Cox, was originally a front drawing room. Handsome mahogany secretary is by Benjamin Frothingham of Massachusetts, dated 1760-1770. * Along one wall of the back drawing room are a beautifully matched Queen Anne highboy and lowboy, circa 1750. The settee is also attributed to Frothingham.

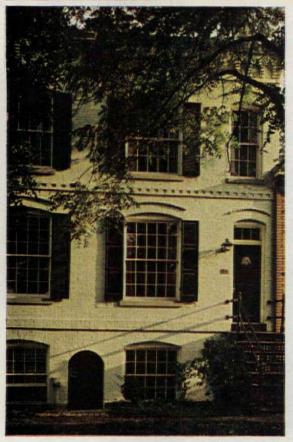






SIMPLE, STATELY TWO-STORY BRICK HOUSE WAS POPULAR IN 1895





When the owners bought this home on South Carolina Avenue, they planned it as an investment. When the restoration was completed in ten months they moved in and have lived there ever since! * The original door and shutters (lower left) were painted black to bring them up-to-date. Like most of the fine old residences in Washington, this one boasts a handsome door knocker—a traditional brass eagle. ★ A mellow pine mantel (above) dating back to 1750 replaced the original one in the living room. Both the mahogany pedestal table and the chair are old Chippendale pieces. Although the secretary is not old, it has the look of belonging with the other pieces around it. English prints and a charming Chinese bowl are important accessories. The Oriental rug provides the correct background for these furnishings. * The dining room wall is dominated by a walnut Pennsylvania cupboard. Displayed behind its glass doors is a collection of china, glass, and coin spoons. Beyond the door to the living room are two matching Hepplewhite chairs and antique table.





IN THE SHADOW OF THE CAPITOL

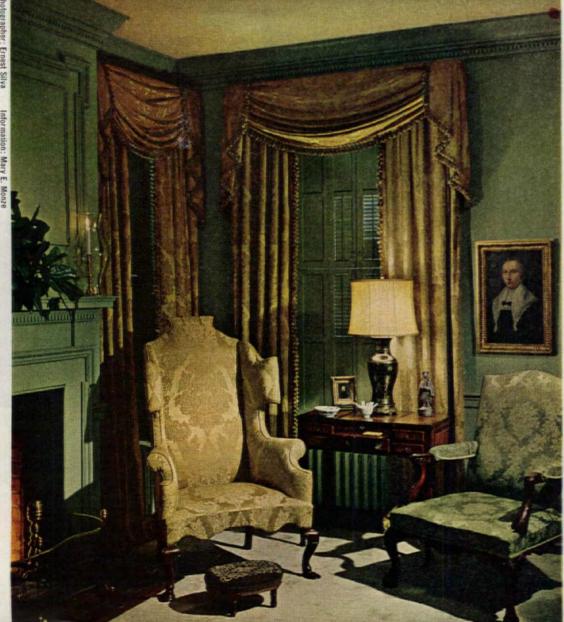
Situated on a high point on Capitol Hill, this fourstory Victorian house was constructed by a builder of row houses in 1870. Consistently neglected for many years, it was condemned and had practically reached the point of no return. Ten years ago Mr. and Mrs. Howe P. Cochrane, faced with the desperate housing situation in Washington, bought it and restored it to the attractive home it is today. Both Mr. and Mrs. Cochrane are attorneys. The house is ideally located for them because much of their work is done for the government. * The simple but elegant library has a delicate 18th century mantel. Lining the walls are fine volumes in handsome bindings, many of them law books. Above the mantel is a portrait of Mr. Cochrane's grandfather. The pair of mantel lamps is Empire (Argand type) while the crystal and brass chandelier is Victorian. The Empire card table and the French chairs at the fireplace are antiques. * Along the wall to the second floor is an interesting group of classic architectural prints by Piranesi. Mounted and framed in simple black moldings, they are extremely decorative. Reflected in a Victorian mirror is the drawing room. Seen there is another fine Victorian mirror, chandelier, and lantern. Mr. Cochrane is an avid collector of fine Oriental rugs-naturally the ones you see here are rare.



"MY FAMILY THOUGHT I HAD MADE A MISTAKE"







Because her husband is an extremely busy man, Mrs. Henry Fowler bought this house in Alexandria without his seeing it. It was a dark, depressing day when the Fowlers made the first tour with their two daughters. The house, built in 1807, had been sadly neglected. The woodwork was dark and dreary. One room had been closed up and was without heat. "My two little girls couldn't get out of there fast enough," recalls Mrs. Fowler.

After months and months of hard work (Mrs. Fowler did most of the contracting, decorating, and gardening) the house was transformed into the beautiful one you see here. The Fowlers remodeled the interior, adding a library and a gallery downstairs, and bedrooms upstairs. The old brick exterior was painted a soft green with white trim and black shutters. A garden gate, an old lamppost with eagle finial, ivy, and pyracantha are finishing touches. *The gallery above is really a passageway from the dining room to the library and makes a charming addition to the old house. It's an ideal place to view the garden, particularly, as Mrs. Fowler says, "when the walks, trees, and shrubs are snow covered." The gallery is furnished with old pine pieces and an Oriental runner on the black-and-white-patterned floor. In the living room, the shutters, fireplace, and woodwork are original. The beautiful highback chair is a museum piece, a gift to Mrs. Fowler from her husband. The Chippendale chair and French inlaid table are 18th century pieces.

"WE WANTED A HOUSE WITH CHARACTER DONE THE WAY IT SHOULD BE DONE"



Mr. and Mrs. Charles F. Ducander are the proud owners of this two-story Federal house on Capitol Hill. Built in the early 1800's, it was completely run down. After it was restored for the Ducanders, it won the famous Restoration Award given by the Washington Restoration Committee in 1960 (you can see the small plaque just outside the front door in the photograph far right). The elegant dining room and living room are uniquely tied together with matching Louis XVI mantels, crystal chandeliers, and Federal mirrors. Cupboards with open shelves on both sides of the dining room fireplace were added to display Mrs. Ducander's exquisite collection of fine china. The family room side of the Ducander kitchen at right boasts a lovely pine mantel and old ceiling beams taken from another house in Washington. Above the mantel hang six attractive bird plates. The rustic German table and bench and a pair of comfortable black-leather barrel chairs make this a favorite gathering place for the Ducanders. This house and also the houses on pages 42 and 43 were restored by H. Curley Boswell.





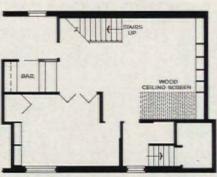
ALAN C. BORG

BASIG BASEMENT IDEAS

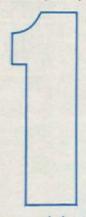
If the scenes below look like the sight that greets you at the bottom of your cellar stairs and the scenes at the right look like they came out of some of your better dreams, take heart. We show you here how you can utilize three of the ideas in your own basement. Designed by Huebner and Henneberg, architects for Mr. and Mrs. Granville Specks of Evanston, Illinois, the details make the difference between an ordinary remodeling and an outstanding one. And they cost relatively little for the effect they achieve—excellence.



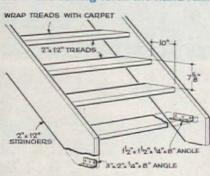




Located on the plan above and shown in the photographs at right are the three elements of this remodeling: (1) the stairway, (2) the wood ceiling screen that conceals the hot-air ducts, and (3) snack bar.

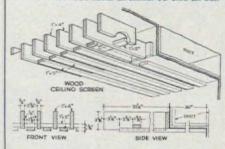


The stringers and the treads of the stairs are made of 2x12's. The small metal angles are first screwed to the stringers and then the treads are fastened to the angles. Note carefully the small angle that is fastened to the floor to keep the stairs from moving. Treads are wrapped with carpeting. One-inch bars suspended from the ceiling form the hand rail.



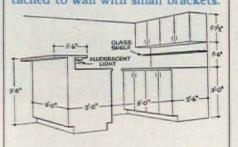


One of the most difficult problems to cope with in a basement remodeling is concealing either hot-air ducts or water pipes. Here a decorative wood screen makes the most out of a dropped ceiling that hides duct work. While the one shown here was made of birch 1x3's, a good grade of pine could also be used. It would be easy to add a fluorescent light strip behind the grille to give even more interest and drama to the area.





The snack bar is made of 3/4 plywood painted a royal marine blue. The serving top and work tops are covered with a white laminated plastic. Fluorescent lighting provides both excellent work light as well as interesting general light for the area. The cabinets in the rear are attached to the wall and the glass shelf is attached to wall with small brackets.



(continued on page 90)







CAN WE SAVE OUR PLAY PACE

Impossible as it may seem, we are running out of play space in the suburbs. Bulldozers are leveling the land so fast—at the rate of a million virgin acres a year—that there is danger that suburbia will be more cramped for park and playground acreage than many of our major cities.

Remember all those wonderful woods and fields we used to play in as children? They're not there any longer. A recent visit to the small suburban community I grew up in was disheartening. Two ranch houses occupy our once-treasured baseball field and a shopping center has leveled "Sherwood Forest." It's the same story in many places throughout the country.

WHAT'S HAPPENING TO OUR PLAY SPACE?

Consider what has already happened in Port Washington, New York, a community of 26,400 persons about 20 miles from Manhattan. Last year the residents suddenly discovered that the woods and fields where their children had been playing were all built up. Just one vacant lot containing six acres remained in the entire community and, when this was sold, the only recreation space left would be the overcrowded, inadequate public parks and playgrounds.

Several groups of parents campaigned to have the price of the lot included in the school budget. But so far the voters have rejected the idea. Even if they were to change their minds, Port Washington—because of poor planning—will still not have as much play space per capita as New York City.

"One of the greatest assets is our remaining undeveloped land," says John W. Bodine, president of Penjerdel, a nonprofit research organization concerned with the land problems of the tri-state region around Philadelphia. "Its consumption for uses other than recreational is proceeding so rapidly, however, that unless we make up our minds now as to its most desirable future use, sprawling urban

development will make this decision for us in the next five to ten years.

"The question is: how we can guarantee that, with increasing urbanization of land, our fast-growing population will have adequate open space for recreation . . . that all the farm land on the fringes of our cities and suburbs will not be plowed under for highways and buildings . . . that stream valleys will not be despoiled . . . that the only green and open land before our eyes will not be just what lies in our own back yards."

OUR NEED FOR RECREATION SPACE

Today the vacant land that is within easy walking or bicycling distance of homes is scarce; on much of what remains *No Trespassing* signs have been posted. The result? If suburbanites want recreation beyond what they can get in their yards, they must either join one of the private clubs that are springing up in increasing numbers or they must depend on facilities, in many cases inadequate, provided by the local government.

If the doubling of population and tripling of park usage that are predicted for 1985 actually occur, municipal park acreage must be expanded many times. But the odds that it will be don't look very promising.

WHY IS THIS LAND DISAPPEARING?

In the first place, open land that might be used for parks and play fields is being gobbled up for housing developments, industrial parks, shopping centers, highways, etc., as soon as it comes on the market—and often before. Admittedly, these things stand for progress and there really is a need for them in many cases. But whether the suburbs benefit to the extent they would if some land were left open for play space is doubtful.

Second, existing recreation areas are constantly being threatened by public officials and private citizens who want to use them for other purposes. This is called "encroachment." In recent years almost 2700 acres of recreation space have been lost because of it.

For example, the town of Murfreesboro, Tennessee, sold a small play field for the use of an incoming factory. It wasn't replaced. Unfortunately, this happens frequently.

WHAT'S BEING DONE ABOUT IT?

In recent years organizations like Penjerdel and New York's Regional Plan Association have published studies focusing attention on what is happening and what can be done about it. Private groups are prodding public officials to take action and in some cases are themselves raising money to buy play space for public use. Local conservation commissions have been organized to co-ordinate the efforts of scattered individuals, groups, and government agencies to acquire open land for conservation as well as recreation. And in 1961 the Housing and Home Finance Agency added its weight to the movement by making Federal funds available to state and local bodies for the acquisition of open-space land.

But even these strong forces are likely to be unable to prevent repetition of Port Washington's experience if suburban home owners don't take action too.

WHAT YOU CAN DO ABOUT IT

 Understand how adequate play space benefits you and your community. It does more than satisfy human needs for recreation. For one thing, it increases the value of property. In Elizabeth, New Jersey, for example, the assessed valuation of land adjacent to one park rose 632 per cent over a 17-year period. This was 14 times the average increase for the entire city.

The availability of parks and play fields also helps to attract to communities new industries that provide more jobs and bear a substantial share of the tax load. "The recent industrialization of Lexington, Kentucky, can almost assuredly be attributed in large part to its excellent recreational program," Kentucky's commerce commissioner says.

Finally, when parks and playgrounds are used in organized recreation programs they tend to deter juvenile delinquency.

2. Fight efforts to encroach on park lands and other play areas. Although many attempts to bite off pieces of park land succeed, many others are defeated. According to a recent survey of park and recreation officials, more of the defeats are attributable to action by local citizens than to anything else. For instance, in Augusta, Georgia, a Committee to Preserve Augusta's Parkways and Playgrounds—after a long battle—obtained a court injunction restraining the city from selling a segment of a park to a department store.

In its advice to people who are concerned about actual or potential encroachment attempts, the National Recreation Association suggests that a number of things be done.

To help forestall encroachment, see that your town's parks are well developed and maintained. "The more highly an area is regarded and the more widely it is used, the greater will be citizen opposition to its disposal for other uses," the association says.

To fight an actual encroachment attempt, organize your neighbors, enlist the co-operation of the press, and hire a lawyer. Don't, however, go to court unless it is too late to win your case through public education.

3. Make sure your community has a plan for developing recreation space and support its efforts to do so. About two years ago home owners in the Minneapolis suburb of Columbia Heights began to realize that, while the population had more than doubled in the previous decade, park area had not changed. In fact, there were only two parks—one very small, the other slightly larger but located far from the town's center.

Determined to improve the situation before it was too late, a citizens' group got together with the park board and the town fathers to develop a long-range park plan. Last year the first step to put this into effect was taken: the voters approved a \$330,000 bond issue which will give the community seven new parks, totaling 54 acres.

Although this is the usual way for towns to acquire recreation space, many other methods are employed. One used by a few far-sighted communities is to buy up a larger-than-necessary piece of land while it is still undeveloped and later to sell off the excess acreage—sometimes at sufficient profit to pay for the recreation space remaining.

In a number of communities, developers are now required by law either to set aside from 3 to 12 per cent of their land or to make an equivalent cash contribution to the city for recreation purposes.

Frequently, towns can negotiate successfully for the use of idle lands owned by the county, state, or Federal governments. Los Angeles, for instance, acquired more than 40 per cent of its recreation space in this way.

Some towns convert tax delinquent properties into play space. Others restrict construction of buildings on low banks of streams by what is known as flood-plain zoning.

Another more controversial type of zoning that is used increasingly to preserve open space for recreation purposes is called cluster, or density zoning. This permits a builder to reduce lot size by as much as about 50 per cent and thus to group houses closer together—provided that he leaves the rest of the land in his tract open.

For example, in Hillsborough Township, New Jersey, a cluster development called The Village Green was completed last year. Under normal zoning, this 72-acre tract would have been cut up into one-acre lots, each with its own well and septic systems. A number of the lots would have backed either on a railroad or an industrial zone. A pretty wooded area would have been destroyed.

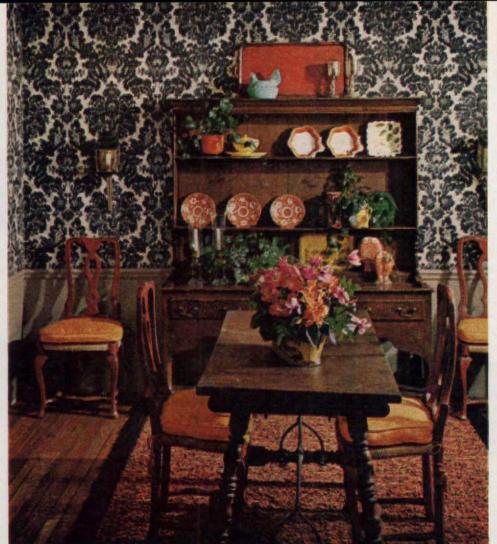
Under cluster zoning, however, 72 houses (built on 15,000 to 35,000 square-foot lots) are clustered on 21 acres near the center of the tract. Because they are close together, they can be economically served by town sewers and water mains. They are surrounded by 51 acres of woods and fields where the builder is constructing a basketball court and two baseball diamonds, which he has deeded to the township for public use.

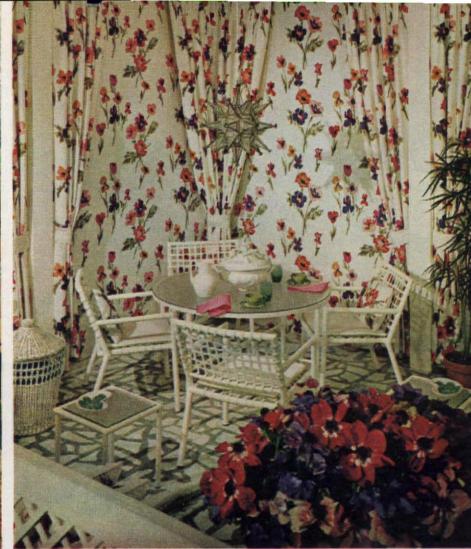
The people of Village Green seem delighted with the development. "Where we used to live in an ordinary one-acre zone, my ten-year-old boy was forever badgering us about what he could do next," one man said. "Now with lots of kids around and plenty of open space, he's always doing things that kids used to be able to do before the suburbs got built up. Clustering is certainly a wonderful idea."

This enthusiasm, however, is not shared by the majority of Hillsborough residents. Like millions of people across the country, they fear that cluster zoning will speed the community's rate of growth, change its character, and raise taxes. Top planning officials, on the other hand, say this isn't so.

This argument illustrates the problem of trying to preserve and provide play space in the suburbs. A good many people don't want to do it or don't care; others aren't even aware of the situation. But it is a problem that should concern everyone; you can help by doing something about it in your own community. You can prevent play space from disappearing—and add to it—if you really decide to make an effort.







It's amazing how quickly you can furnish a house with fabric. Add an imaginative splash of color and pattern to the most ordinary room and, suddenly, it comes alive. And there are so many kinds of fabrics to choose from: trendsetting patterns to suit every personality-weaves and textures to fit any style and period-in unlimited tones and

Now look at the rooms on these pages. Don't they simply tingle with aliveness? Can you see how, in each case, it's the wide-awake fabric that turns the trick? And don't think these are rare, exotic, decorator-only fabrics. Every last one is an inexpensive, just-around-the-corner wonder fabric of manmade Celanese fibers.

shades of any color.

Use fabric for all it's worthhang it, drape it, frame it, cover walls with it, upholster with it, cut it down to pillow size, quilt it for the nth dimension of luxury. Play texture against texture, color against color. Steal the colors from an especially pretty print for the whole scheme of a room-it's instant, foolproof decorating. Fill a room like the patio room above so full

FILL THE HOUSE LIVELY **FABRIC**

of fabric that you scarcely need furniture! You'll see, for midwinter doldrums there's nothing like a breath of fresh fabric. BLACK-ETCHED DAMASK print draperies (left) are richly dramatic hung over shimmery white glass curtains. The pattern is cleverly repeated in a folding roomdivider screen. Varicolored high-pile carpeting, textured upholstery fabrics in brilliant lacquer red, and the accent pillows join with the drapery fabric to give color, texture, and pattern to this inviting living room. FABRIC-COVERED WALL in dining room is in the same striking black and notquite-white damask design. Greens, flowers, and colorful accessories add their own bit of pattern. Here, the carpeting is cut down to area size and given an inky black fringe. Red painted chairs with sunny yellow cushions echo the successful scheme of the living room.

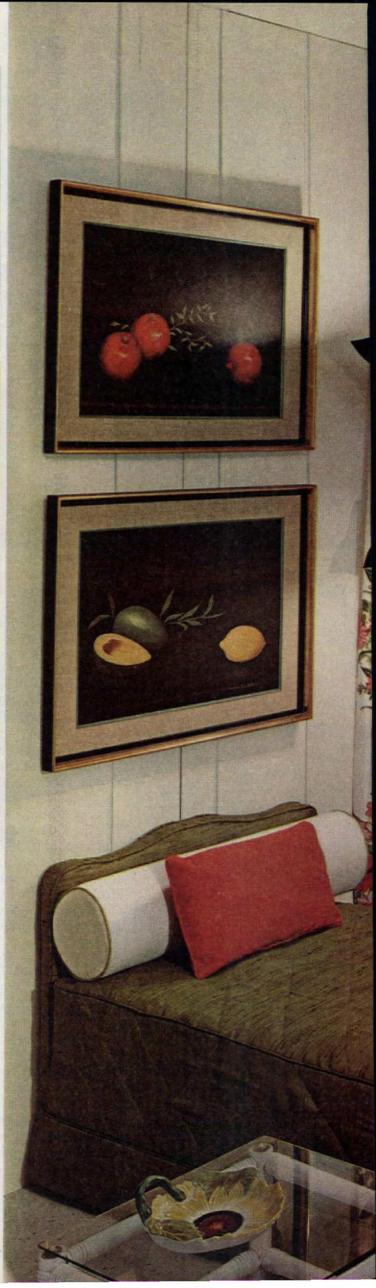
FLOWERS, FLOWERS everywhere turn the patio room into a year-round garden. Draperies of airy anemone-printed fabric are trimly tied back over wall panels in matching fabric (hung with snap-tape headings for breezy removal).



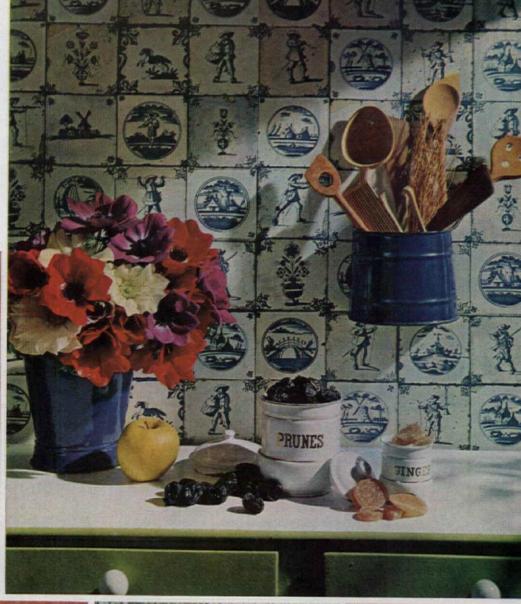
AQUAMARINE-floral striped fabric bathes a bedroom in elegant serenity. The lavish sweep of drapery hangs from painted rings and pole and ties back over dainty flowersprigged sheers. Closet wall is paneled in matching print sharply outlined with white molding, with an unexpected touch of green for emphasis. Bed is luxuriously dressed in white with a floral-quilted coverlet. VIBRANT GEOMETRIC print is the starting point for a lively and livable boys' room. Instead of curtains the fabric is laminated to shade cloth



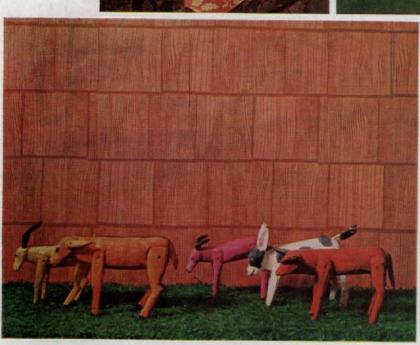
(most department stores or shade dealers offer this service) for a colorful, practical window treatment. Notice that the roller is reversed for a smooth, finished look. Blocks of the pattern are cut out for pillows to give sittingroom comfort to built-in bunks. Bright-painted walls and furniture, even the sturdy vinyl flooring, are keyed to colors in this bold contemporary print. GAY GARLANDS of flowers intertwine on a fresh new fabric for the family room at right. Pinchpleated draperies are hung from a ceiling track to act as a cheerful divider between snack and sitting areas. Laminating the fabric to Venetian blinds is a new custom touch.















FUN AND FAKERY DECORATE YOUR WALLS

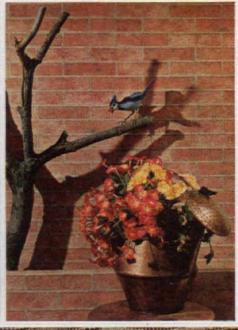
These are slightly tongue-in-cheek but very stylish decorating ideas—wall coverings that will turn your dull rooms into pine-paneled havens, marbled halls, or indoor gardens.

Whether you start with new or old walls, you can create exciting, decorative backgrounds with these striking wall coverings. Some are paper, some vinyl, and some adhesive-backed vinyl; all are frankly fake, but their patterns and colors reproduce the atmosphere of their real-life counterparts.

Starting at the top, from left to right: **KNOTTY PINE** vinyl-fabric wall covering effects real wood in touch and look, and for much less money. Scrubbable and durable, it will withstand even the creative crayon marks of little boys. **ANTIQUE DELFT TILE** pattern, a beautiful reproduction of actual tiles, even to the imperfections, is one of the practical, adhesive-backed vinyls; especially good for kitchens. It's easy to apply to almost any surface simply by stripping off the paper backing. **MAUVE MARBLE** facsimile will turn an ordinary bath into a Roman spa. Its sophistication, however, is not limited to the bathroom. This marvelous wallpaper can add a bold touch in any room and is particularly effective in a foyer. **RED BRICK** is an old favorite and certainly

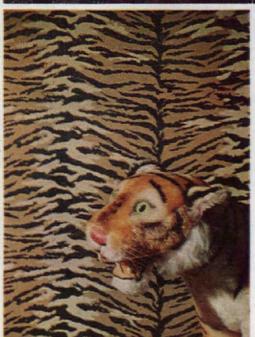




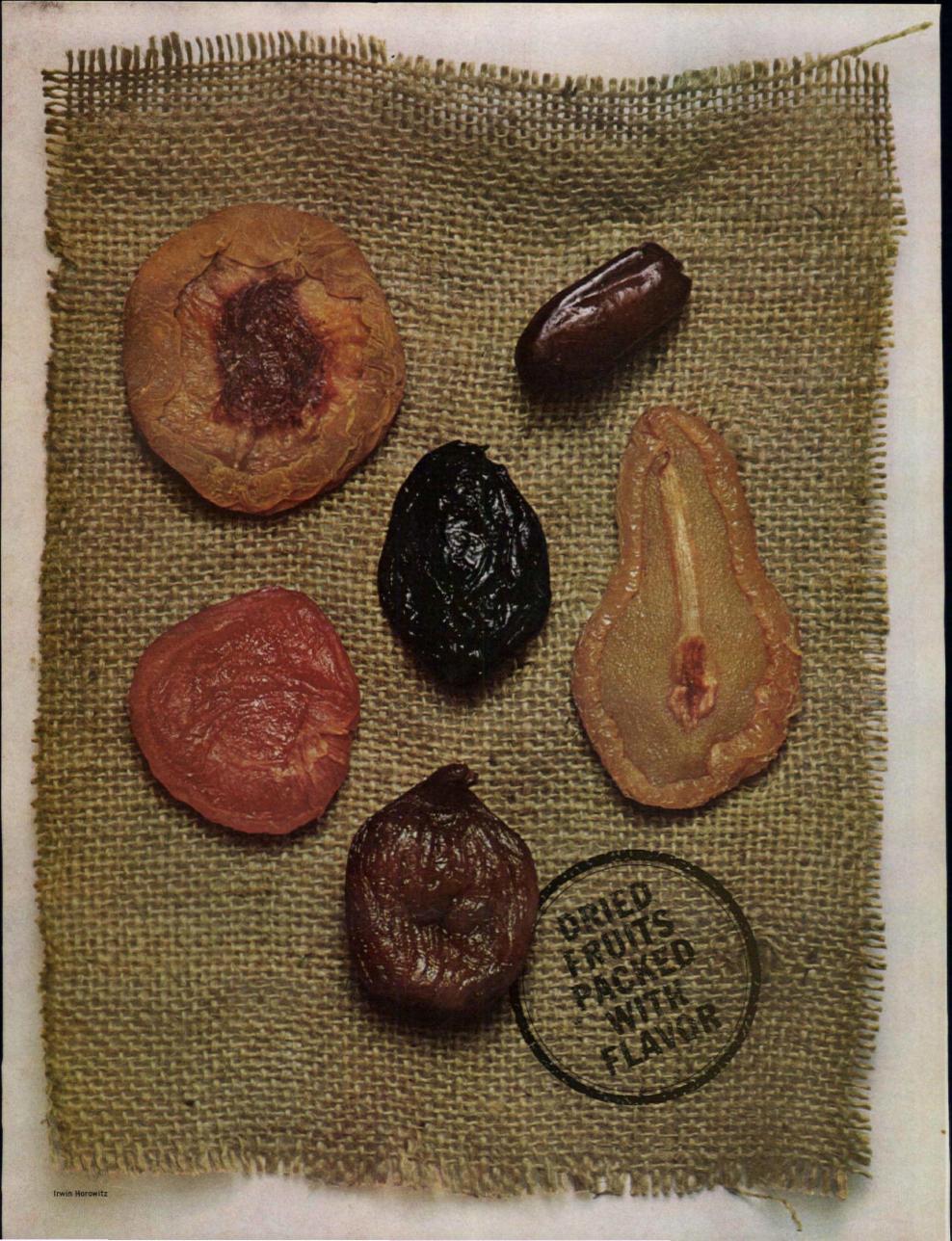








worth-while when you've just received a stonemason's estimate for the real McCoy. This deceptive delight comes by the roll and is applied with regular wallpaper paste. **RED SHINGLE** wallpaper brings the open-air look to an inside room. Good for a family room with lots of white and blue or in a countrified living room. **CHINESE LATTICE** wallpaper inspires a garden dining room, a long hallway, or a dainty gazebo dressing room. You could scarcely go wrong decorating with such a light and pretty background. **RED-AND-WHITE GINGHAM** wallpaper adds an old-fashioned touch to a child's room. Look twice and see the make-believe **SHUTTERS** that put a window where there is none. Fun for an inside dining area or windowless kitchen! **MOCK CROCODILE** wallpaper is strictly high-style but will appeal to a young animal lover too. Intriguing in a small space, it is dashingly dramatic when seen in all its fakery in a large room. **LOUVERED PANELS** shown here require no carpentry to install. This three-dimensionlike paper comes by the yard, pretrimmed, ready for a swish of paste. **CANING PATTERN** in turquoise will give a sunny spirit to a small bedroom, dining area, or any room in your house that needs a well-scaled background. **WILD AND WONDERFUL TIGER** pattern achieves exotic effects used on entire walls, framed in individual wall panels, or mounted on folding screens.

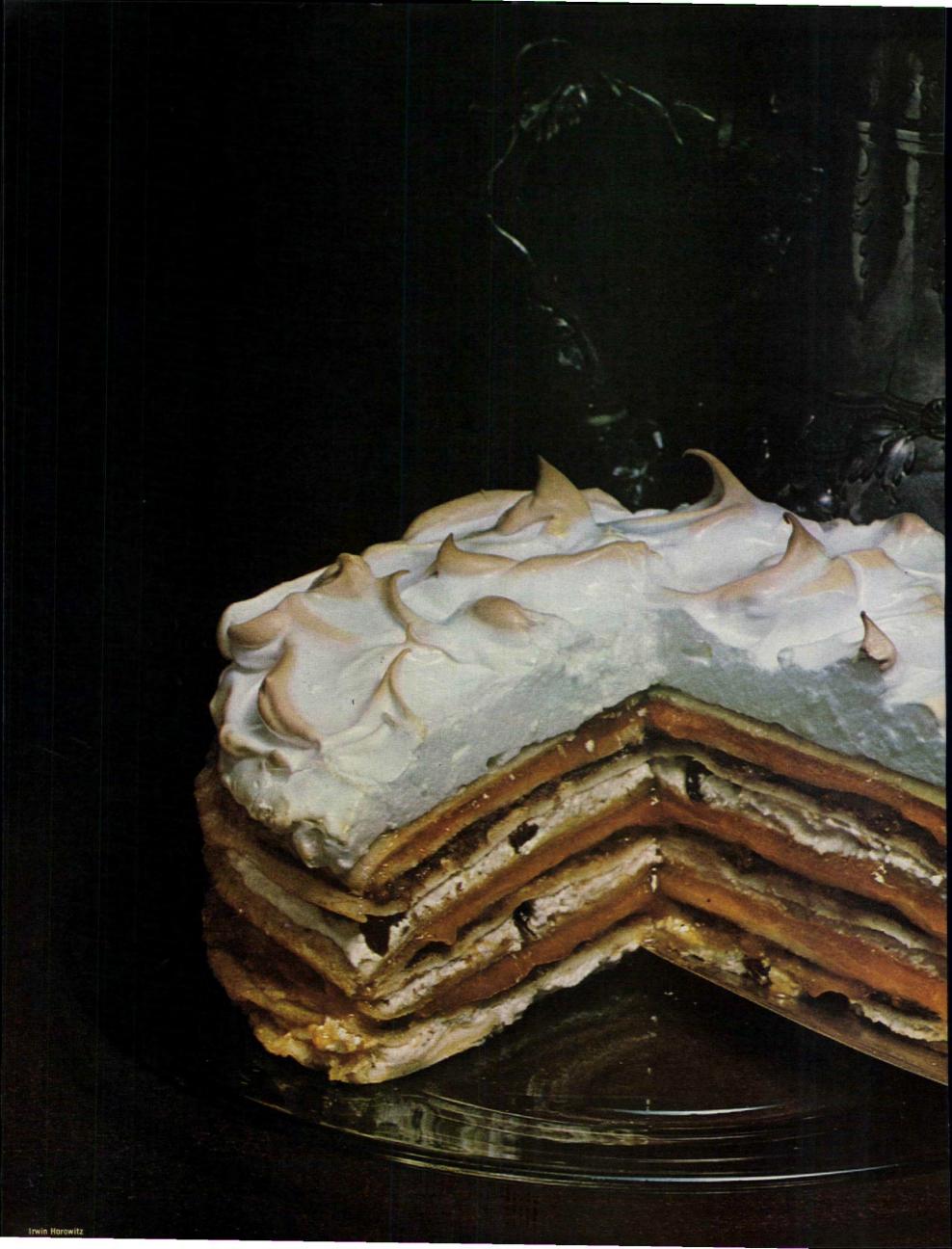


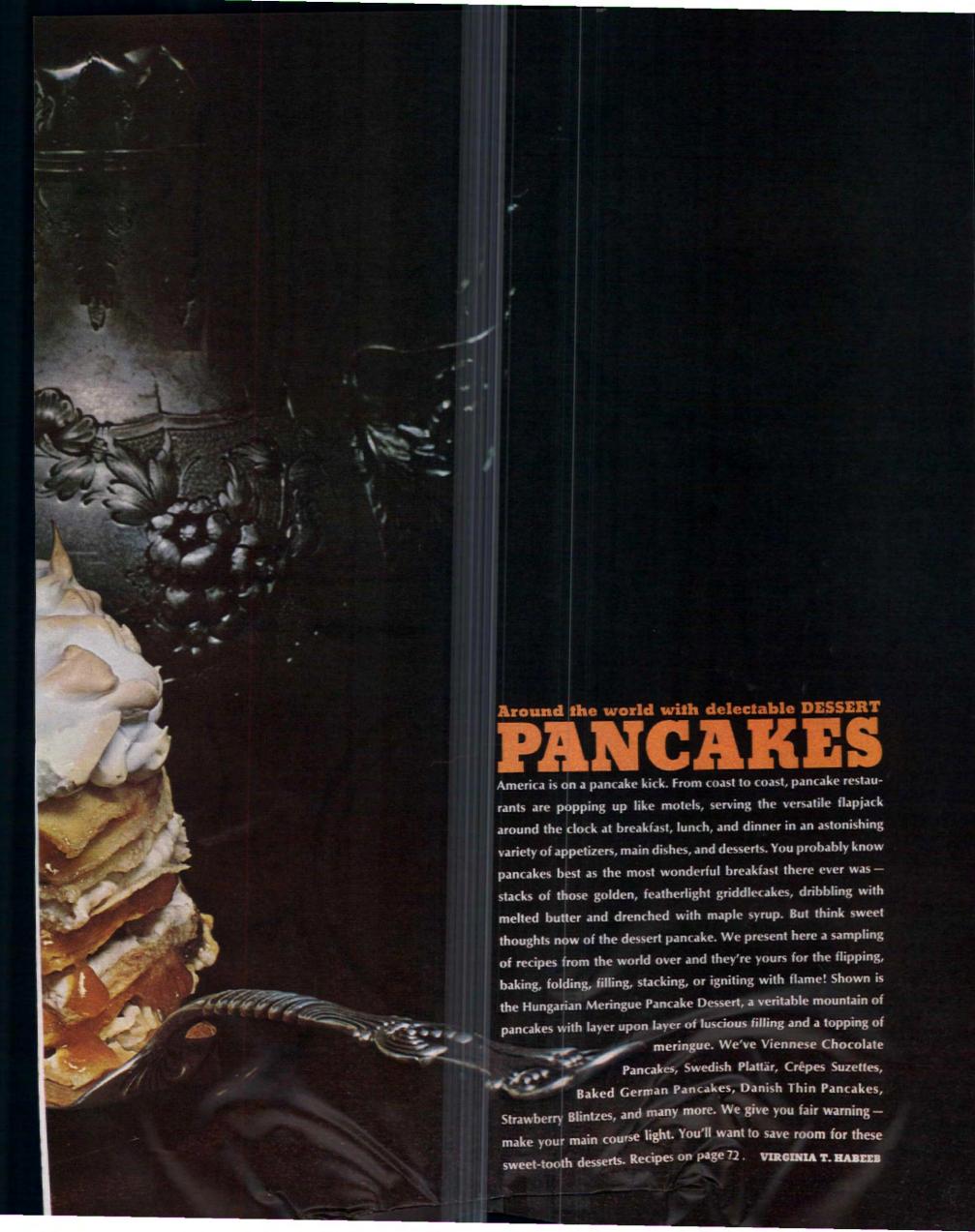
Prunes, apricots, pears, dates, peaches, raisins, apples, and figs! This is the wonderful world of dried fruits! They're the perfect touch for many of the everyday dishes you serve.

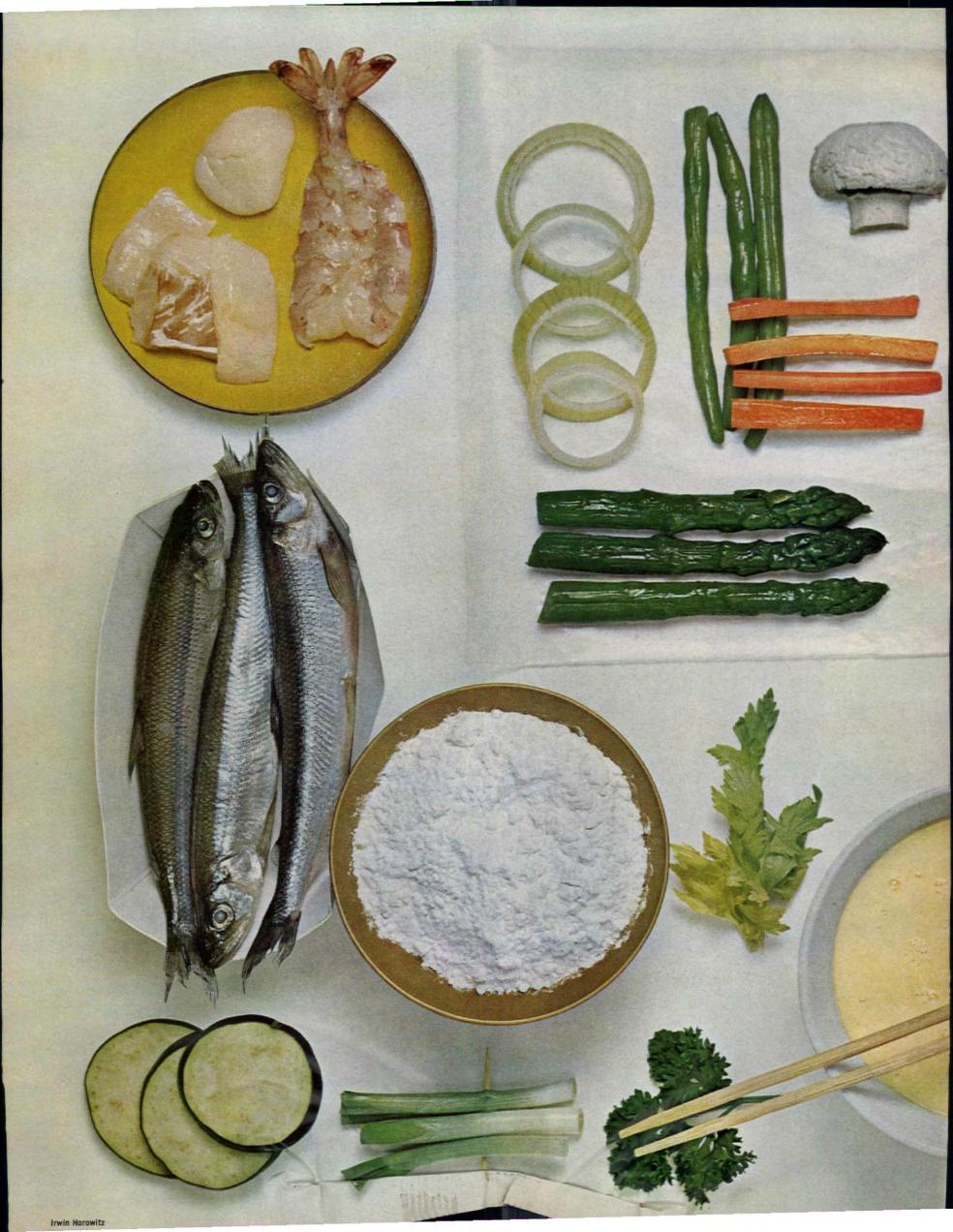
Back in pioneer days, dried fruits were the only fruits to enjoy during the months after the harvest. Then came canning and, of course, freezing. But all through the years dried fruits have more than held their own. As a topping for breakfast cereal or a wonderful, nutritious dessert, today's dried fruits are better than ever. Years of research have made these pantry-shelf delicacies juicier, tastier, easier to prepare than ever before. They're so tender and sweet you can actually munch on them right from the package. But don't limit your thinking or your eating to the usual ways with dried fruits. There's literally no end to the tempting, unusual dishes you can whip up with them. Everything from main dishes to casseroles to salads to relishes to breads. On our recipe pages you'll find a dozen idea starters to get you off on a dried fruit cooking spree.

On this page, for example, you see our Baked Pork Shish Kabobs With Dried Fruits. Tender cubes of pork are marinated and baked, then skewered with mixed dried fruits. Brush with the marinade and bake until lightly browned and you've a zesty masterpiece on your hands. Or how about Golden Glazed Ribs? Baked spareribs are basted with a sauce that boasts dried apricots, vinegar, spices, and lemon rind. Decidedly different! For a salad-try Jellied Stuffed-Prunes - and -Cheese Salad. Prunes stuffed with orange sections are great with cream chees monds, and celery. For a lous casserole, try Escalloped Sweets and Prunes With Sausage. These recipes and more begin on page 65.











(continued)

delicate and crisp. And to be perfect this is what tempura must be. It is not too difficult to achieve if you follow these directions.

For tempura you can use almost any kind of food. Fish including seafood, vegetables of all kinds, seaweed, and fresh herbs. The important thing is to select the freshest foods possible. You can include as many varieties as you wish, preparing one or more pieces of each variety depending on the appetites of your guests. Each food is cut into bite-size morsels and then washed and dried. Dry them well for you don't want any moisture to remain on the pieces. After you have dried them arrange them on platters, trays, or in baskets and chill them until you are ready to bring them to the table.

The Japanese use vegetable oil for all purposes, including frying. Sesame seed oil is the one considered best, but it is heavier than other oils and not to some people's taste. So, either use all mild, pure vegetable oil, or if you wish you can combine sesame and vegetable oils. Use one cup of sesame to a quart of vegetable oil. After you finish cooking, strain it carefully and save it to use again. All you have to do is to add fresh oil to it until you have enough to give you oil three inches deep in your cooking pan. This depth is recommended because food must float to cook properly. It must not fall and stick to the bottom of the pan. Most important is the temperature of the oil. Heat it to 350° F. Use either a thermometer or the thermostat of an electric pan. If you have neither, test the temperature by dropping a small amount of batter into the oil. It should fall almost to the bottom and then float immediately to the surface. The oil is then at the proper temperature. As you cook the tempura, keep the oil clean and free of bits of batter that fall off the food by skimming it often.

Now we come to the batter. It is a thin batter, so much so that you will see the color of the vegetables through it. The secret of the batter lies in using cold water and in not overmixing. After the flour is added, stir it gently back and forth across the bottom of the bowl only a few times. It will be lumpy. Do not let it stand too long before using or it will be heavy; keep the prepared batter away from the heat you are using for the oil. Remember, the batter should be cold. The very cold mixture going into the very hot fat causes the batter to puff quickly and creates steam inside which cooks those small bite-size pieces of food. They don't really cook in the oil so tempura is never greasy or soggy.



TEMPURA 6 servings

SEAFOOD:

18 shrimp

Shell shrimp leaving tail attached. Wash quickly; drain and pat dry. Slit back, cutting almost through. Remove vein. Spread shrimp flat and score each side lengthwise with sharp knife. Salt lightly; chill.

6 smelt

Remove fins, scales, head, and gut. Wash quickly; drain and pat dry. Remove center bone and split fish in two lengthwise leaving tail attached. Salt lightly; chill.

- 6 pieces flounder filet, $1x1\frac{1}{2}$ in. each
- 6 pieces cod filet, 1x11/2 in. each
- 6 sea scallops, halved

Wash all fish pieces quickly and pat dry. Salt lightly; chill.

VEGETABLES:

- 6 slices peeled sweet potato, 1/8 in. thick 6 slices unpeeled eggplant, 1/8 in. thick
- 6 strips green pepper, 3/4 x2 in.
- 6 strips red pepper, 3/4 x2 in.
- 6 strips carrot, 1/4 x2 in.
- 12 onion rings, 1/8 in. thick
- 18 pieces green onion, 11/2 -in. long
- 6 asparagus spears, parboiled and drained
- 6 whole green beans, parboiled and drained
- 6 fresh mushrooms, halved
- 6 sprigs parsley
- 6 sprigs watercress
- 6 sprigs celery leaves
- 6 chrysanthemum leaves
- 6 pieces dried pressed seaweed (Nori), 1½-in. square

Wash and dry vegetables and leaves. Skewer three pieces green onion on each of six wooden picks. Chill.

TEMPURA SAUCE:

1/4 c. soy sauce (shoyu)

1/4 c. sweet wine (Mirin) or 1 tbs. sugar

11/4 c. soup stock (Dashi)

1 tsp. salt

Dash of monosodium glutamate (ajinomoto)

6 tbs. grated white radish

I tbs. grated fresh ginger root

Combine soy sauce, wine, stock, salt, and monosodium glutamate in sauce pan; heat to boiling. Serve hot in in dividual, small bowls. Stir in radish and ginger root to taste.

OIL:

4 c. (1 qt.) pure vegetable oil

1 c. sesame oil

Combine oils. Pour into pan until it reaches a depth of about 3 inches. Heat to 350° F.

BATTER:

1/2 tsp. baking soda

2 eggs

2 c. cold water

2½ c. sifted all-purpose flour

Flour for coating

Add soda and eggs to water mixing well. Add flour; mix lightly using chopsticks or 2-tined fork. Coat seafood lightly with flour; do not flour vegetables. Dip fish and vegetables into batter one by one, and fry in hot oil, a few at a time. Don't crowd them. Fry until lower side is crisp, then turn and cook other side crisp. Dip only one side of chrysanthemum leaves and seaweed squares in batter and fry until batter is crisp. Drain all pieces well on paper towels. Skim any stray pieces of batter from oil after each

batch is fried. The oil must be kept clean at all times.

SERVING TEMPURA

You may ask what you should serve with tempura and how it should be served. Here is a typical menu:

Fresh Vegetable Relishes
Pickled Fresh Vegetables (Tsukemono)
Tempura Rice

Dipping Sauce

Grated Radish and Ginger Root

Sake

Japanese Green Tea Fresh Fruit

On the table you will have arranged your trays of the chilled prepared seafood, vegetables, and other foods, flour for coating, the ingredients for mixing the batter, and the pan of oil in which you will do the cooking.

To set your table in true Japanese style, have at each person's place a plate for the tempura, a small bowl of dipping sauce, a bowl of rice, a plate for the fresh relish and one for the tsukemono, a sake cup, a tea cup, napkin, and chopsticks. For your guests you may add one thing—forks, for not everyone is adept at using chopsticks though everyone should try them.

For best enjoyment, tempura should be eaten piping hot, that is as soon as it is cooked. When you do the cooking right at the table, each group of foods is served as soon as it is done, so each guest would be given one of the hot, crispy pieces without any waiting and the cooking of the next batch would go right on.

If for any reason you choose to do the cooking in the kitchen, then you must keep the tempura hot in an oven. This must be done very carefully for you do not want the tempura to be left there too long as it will dry out and be very disappointing. To serve, arrange the cooked pieces artistically on a platter and bring them to the table.

Classically, tempura is eaten one of two ways. It may be dipped in the hot tempura sauce which you may season to your taste with the grated radish and ginger root, or it may be eaten with just salt. Sometimes a person will put two or three tempura on top of the rice in the bowl, pour some tempura sauce over it and eat it. This is called "tendon." Some make a dish of "tencha." In this, the two or three pieces of tempura are placed on the rice and Japanese tea is poured over it. To this, add salt, some dried seaweed (nori), and horseradish (wasabi) for fragrance and added taste.

one side of chrysanthemum leaves and seaweed squares in batter and fry until batter is crisp. Drain all pieces batter and frying and tempura. Your well on paper towels. Skim any stray

THE END

TO: Practically every woman

SUBJECT: Leftovers -- made simply superb with soup



CAMPBELL SOUP COMPANY HOME ECONOMICS DEPARTMENT TESTED RECIPES



BEEF CONTINENTALE

1 1/2 cups cubed cooked beef 1 can (4 ounces) sliced mushrooms, drained 1/3 cup chopped onion 1/8 teaspoon leaf thyme 2 tablespoons butter or margarine l can Campbell's Tomato Soup 1/2 soup can water 2 tablespoons chopped parsley 1/2 medium bay leaf 2 cups cooked noodles

In skillet, cook beef, mushrooms, onion, and thyme in butter until onion is tender. Add soup, water, parsley, and bay leaf. Cover; cook over low heat 20 minutes. Stir now and then. Remove bay leaf. Serve over noodles. 4 to 5 servings.

CURRY IN A HURRY

1 cup diced apple 1/4 cup chopped onion l teaspoon curry powder 2 tablespoons butter or margarine l can Campbell's Cream of Chicken Soup 1/2 cup water 1 cup diced cooked chicken or pork 2 cups cooked rice Shredded coconut

In saucepan, cook apple, onion, and curry in butter until onion is tender. Stir in soup, water, and meat. Heat, stirring now and then. Serve over rice; garnish with coconut. 4 servings.



PARTY TETRAZZINI

2 tablespoons chopped onion 1 tablespoon butter or margarine 1 can Campbell's Cream of Mushroom Soup 1/2 cup water

1/2 cup shredded sharp Cheddar cheese

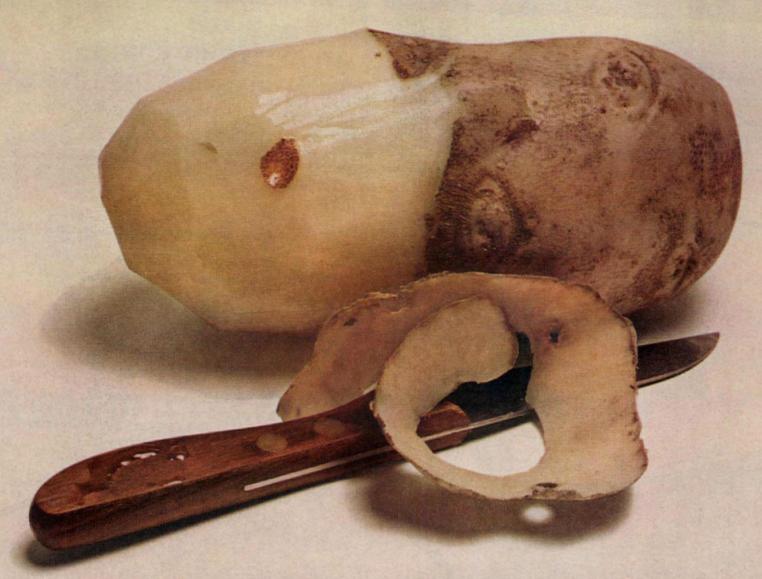
l tablespoon sherry, if desired 1 cup diced cooked chicken, ham, or turkey

2 tablespoons chopped pimiento 1 tablespoon chopped parsley

6 ounces spaghetti, cooked and drained

In saucepan, cook onion in butter until tender. Blend in soup, water, cheese, and sherry. Cook over low heat until cheese is melted; stir often. Add meat, pimiento, parsley, and spaghetti; heat. 3 to 4 servings.

Party Tetrazzini is one of 608 recipes in Campbell's new 200-page cookbook, "Cooking With Soup" . . . yours for 50¢ and 3 Campbell's Soup labels. Send money and labels to COOKBOOK, Box 410, Spring Park, Minn. Offer expires Dec. 31, 1964. Good only in U.S. A. & Puerto Rico. Void if restricted or forbidden by law.



Nature made potatoes so good why risk greasy taste when you fry 'em?

A nice, fresh potato like this fries up into light and crispy French Fries — when you use Crisco. Foods fried right in Crisco don't taste greasy. Crisco has an exclusive vegetable formula; highly unsaturated, with added special protec-

tion against greasy taste. You get Crisco's famous digestibility, too.

No other shortening has Crisco's formula.

So make your French Fries with Crisco, and find out how really good French Fries can be.

Foods fried in Crisco don't taste greasy

(Naturally, they're digestible)



JELLIED STUFFED-PRUNE-AND-CHEESE SALAD

Preparation time: 30 min. Chilling time: several hrs.

1 doz. dried prunes, cooked 2 large navel oranges 3½ c. water p pgs, consige-flavored gelatin 1 pg. (8-oz.) cream cheese, softened ½ c. slivered, blanched almonds

Pit prunes, if necessary, Peel and section oranges, removing all white membrane; stuff prunes with orange sections. Heat half the water to boiling; pour over gelatin; stir until dissolved; stir in remaining cold water. Pour about ½ cup gelatin into 6-cup mold. Chill until firm. Arrange stuffed prunes, orange side down, on gelatin layer. Chill remaining gelatin until it iust begins to thicken; pour half over prunes; chill until firm. Meanwhile, blend cream cheese, almonds, ginger, orange rind, celery, and remaining gelatin in a large bown. Fold in whipped cream. Spoon over jellied prune layer in mold. Chill until firm. Unmold and garnish with salad greens. Makes 8 to 10 servings. 1/8 tsp. ground ginger 1 tsp. grated orange rind 3/4 c. finely chopped celery 1 c. heavy cream, whipped Salad greens

TESTED IN THE AMERICAN HOME KITCHENS

beef roasts. When you have

AMERICAN HOME RECIPES

Dried Fruit

(pictured in color on pages 56 and 57)

 ESCALLOPED SWEETS AND PRUNES WITH SAUSAGE

Penny Saver Soup: Freeze

bones from steaks and the

enough, add vegetables, seasonings for a hot ket-

tle of old-fashioned soup.

STUFFED ACORN SQUASH

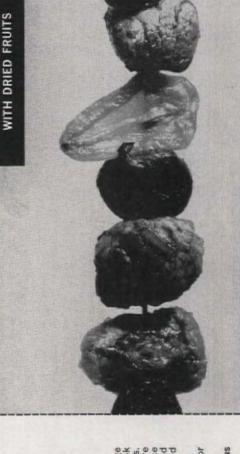
GOLDEN GLAZED RIBS

Preparation time: 20 min. Baking time: 35-45 min.

3 medium-sized acorn squash (2 c. coarse day-old bread crumbs (2 tsp. pepper (2 tsp. pepper (2 tsp. pepper (2 tsp. pepper (2 tsp. poultry seasoning (2 tsp. poultry seasoning

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BAKED PORK SHISH KABOBS
 WITH DRIED FRUITS



SKILLET APRICOT CHICKEN AND RICE

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1 broiler-fryer (3 lbs), cut up
2 tbs. flour
2 tsp. salt
34 tsp. pepper
52 tsp. rosemary, crushed
44 tsp. ground ginger

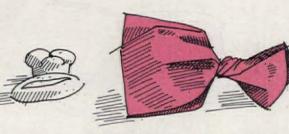
Wash and dry chicken pieces. Combine flour, salt, pepper, rosemary, and ginger; dredge chicken in flour mixture. Set electric fry pan* according to directions in instruction book for browning chicken; heat oil. Brown chicken pieces, turning to brown well on all sides. Pour ½ cup water around chicken; cover and cook for 15 minutes, adding a little more water, if necessary, to keep chicken moist, Push chicken to one side of skillet. Pour rice into pan; strt. I minute to brown slightly. Add remaining water, onion, orange rind, and appricots; mix. Cover; continue to cook 20 to 25 minutes or until rice is tender and liquid is absorbed. Makes 6 servings.

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AMERICAN HOME RECIPES

Dried Fruit

(pictured in color on pages 56 and 57)





To freshen rolls that are dry, set the oven at moderate (350° F.), put the rolls in a paper bag, and twist closed. Run it quickly un-dercold water. Heat in oven about 10 to 15 minutes.

2 tbs. catsup
14 tsp. ground cinnamon
15 tsp. ground ginger
16. c. finely chopped onion
27, to 3 lbs. boneless pork loin or shoulder
1 pkg. (1 lb.) mixed dried fruits

Preparation time: 25 min. Marinating time: 4 hrs. Baking time: 1 hr. 15 min.

BAKED PORK SHISH KABOBS

SKILLET APRICOT CHICKEN

AND RICE

WITH DRIED FRUITS

Combine salt, pepper, lemon rind and juice, honey, water, catsup, cinnamon, ginger, and onion in a large bowl. Cut pork into 1 ½-inch cubes. Add to marinade. Let stand 4 hours turning often. Heat oven to moderate (350°F.). Arrange pork in a shallow roasting pan. Baste with marinade. Baske for 1 hour, basting frequently. Meanwhile bring fruits to boiling in water to cover. Drain. String fruits on a long skewer or 6 individual skewers. Thread pork on long skewers. (Or string pork and fruit alternately on the skewers.) Arrange skewers in roasting pan. Bursh with marinade; continue to bake 15 minutes or until lightly browned. Makes 6 servings. 1½ tsp. salt
½ tsp. pepper
2 tsp. grated lemon rind
3 tsp. lemon juice
½ c. honey
⅓ c. water

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ESCALLOPED SWEETS AND PRUNES WITH SAUSAGE

Preparation time: 25 Baking time: 20 min.

1 c. pitted dried prunes 1 tsp. grated orange rind 2 tbs. orange juice 3 tbs. brown sugar 14 tsp. ground nutmeg

4 tsp. salt 3 tbs. butter or margarine 2 cans (1 lb. 2 oz. each) sweet potatoes, drained and sliced 1 pkg (1 lb.) heat-and-serve sausages

Combine prunes, orange rind and juice, sugar, nutmeg, salt, and butter or margarine in saucepan; bring to boiling. Reduce heat; simmer 4 to 5 minutes. Cook sausages as package directs. Heat oven to moderate (375° F.). Arrange alternate layers of sweet potatoes, sausages, and prune mixture in buttered 1½-quart casserole. Bake, uncovered, 20 minutes or until sausages are a deep brown. Makes 6 servings.

TESTED IN THE AMERICAN HOME KITCHENS

 JELLIED STUFFED-PRUNE. AND-CHEESE SALAD

GOLDEN GLAZED RIBS

Preparation time: 20 min Baking time: 75 min.

2 tbs. vinegar 1/4 tsp. ground cloves 2 tbs. grated fresh ginger root or 1 tsp. ground ginger 3 tbs. sugar 1 tsp. grated lemon rind 1/2 tsp. salt

3 lbs. spareribs, cut into pieces 1 clove of garlic, minced 1½ kp. salt ½ tsp. pepper 1½ c. dried apricots, finely cut 3½ c. water

Heat oven to slow (325° F.). Arrange ribs in a large roasting pan. Sprinkle with garlic, 1½ tespoons salt, and pepper. Bake ribs 45 minutes. Combine remaining ingredients in small saucepan; bring to boiling. Reduce heat; simmer 5 minutes. Beat mixture with electric mixer or whirl in blender until smooth. Baste ribs with sauce. Bake ½ hour longer, basting frequently. Makes 6 servings.

TESTED IN THE AMERICAN HOME KITCHENS



Saucy Winter Casserole

1/2 pound bacon, diced, 1/2 cup chopped onion
4 teaspoons Worcestershire sauce
1 cup Karo All-Purpose Blue Label Syrup
3/4 teaspoon salt, 1/4 teaspoon paprika, 1/3 cup lemon juice
3/4 cup water, 1-1/2 cups chili sauce
1 pound frankfurters, 1 tablespoon Argo Corn Starch
2 tablespoons water. Cooked spaghetti or macaroni.

Combine bacon and onion in skillet, fry until bacon is crisp and onion is soft. Drain off excess fat. Stir in Worcestershire sauce, syrup, salt, paprika, lemon juice, water and chili sauce. Bring to boil. Reduce heat; cover, simmer 10 minutes. Add franks, simmer until franks are hot, about 8 minutes. Blend corn starch with 2 tablespoons water, stir into sauce; stir and boil 1 minute. Serve on hot spaghetti, ziti, or any other macaroni. Makes 5 to 6 servings.

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There are 3 Karo Syrups. Karo All-Purpose Blue Label and Crystal-Clear Red Label Syrups are ideal for cooking, baking and all pour-on uses. So wholesome, they're also prescribed for babies' formulas. Karo Green Label Pancake Waffle Syrup is maple-y flavored—luscious on french toast, ice cream and desserts, too.



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New Ocean Spray Cranberry Juice Cocktail is utterly different because it's tart, tangy, tantalizing. It's great on the rocks all by itself. Sparkly mixed with soda or ginger ale. Delicious blended with orange juice. Or make our tall punch from cranberry juice, pineapple-grapefruit juice and a touch of soda. Create! Invent! You can! With Ocean Spray in pints or quarts.

GO CREATIVE WITH OCEAN SPRAY CRANBERRY JUICE COCKTAIL



Cranberry FRAPPE

For each glass, beat a heaping tablespoon of vanilla ice cream into 2/3 cup of cranberry juice cocktail. Serve well chilled in icy glasses.



Cranberry PINK PIE

Use cranberry juice in place of water in making lemon gelatin. Fold in one cup of heavy cream, whipped. Chill in baked pie shell.



Cranberry SALAD

Use 1 tablespoon of unflavored gelatine for every cup of cranberry juice. Fold in apples, nuts — or orange and grapefruit sections.



SYRUP

Boil equal quantities of cranberry juice and sugar for ten minutes. Chill. Use over ice cream, grapefruit, pancakes and so on.



Cranberry FRUIT CUP

Drain off the syrup from canned fruit cocktail and substitute cranberry juice cocktail. Wait for compliments. You'll get them!

NORWEGIAN PRUNE PUDDING

Preparation time: 15 min. Cooking time: 20 min.

1/2 lb. dried prunes
1 c. sugar
1/4 tsp. ground cinnamon

Cook prunes according to package directions; drain, reserving liquid. Pit prunes if necessary. Combine prune pulp, sugar, and cinnamon in saucepan. Measure reserved juice; add water, if necessary, to make 1½ cups liquid; stir into pulp mixture. Cook over medium heat, stirring constantly 10 minutes or until sugar is dissolved. Stir ½s cup water into constanch, blending well; stir into prune mixture. Cook over low heat, stirring rapidly until mixture is very thick and transparent. Add lemon juice. Chill. Serve with light cream or lemon sauce, if desired. Makes 5 to 6 servings. 1/3 c. cold water 1/4 c. cornstarch 2 tbs. lemon juice

TESTED IN THE AMERICAN HOME KITCHENS

To thicken stews, shake 1/3 cup flour and 1 cup wa-

ter in screw-top jar until

blended. Add some to stew; stir until it thickens. Add

more until thick enough.

APRICOT-PINEAPPLE

CONSERVE

100

RAISIN WALDORF SALAD

APRICOT-DATE BREAD

Preparation time: 25 min.

2 large apples 2 tsp. lemon juice 34 c. diced celery 1/2 c. seedless raisins or chopped pitted dates 1/4 tsp. salt

1/2 c. mayonnaise or salad dressing 2 tsp. confectioners' sugar 1/4 c. dairy sour cream Lettuce cups 1/4 c. coarsely broken walnuts

Core apples. Pare if desired, or leave red-skinned apples unpared. Dice apples; sprinkle with lemon juice. Combine apples, celery, raisins or dates, and salt. Blend together mayonnaise or salad dressing; sugar, and sour cream; pour over apple mixture; toss liightly with fork until apple pieces are well coated. Arrange salad in lettuce cups. Sprinkle with walnuts. Makes 4 to 6 servings.

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AMERICAN HOME

RECIPES

Dried Fruit

(pictured in color on pages 56 and 57)

34 c. cider vinegar 34 c. water 14 tsp. salt 14 tsp. ground cloves 14 tsp. ground allspice 3-in. piece stick cinnamon

TESTED IN THE AMERICAN HOME KITCHENS

Preparation time: 20 min. Cooking time: 15-20 min. SWEET AND SOUR MIXED DRIED FRUITS

5 c. mixed dried fruits or a combination of any 2 or 3 (2 lbs.)

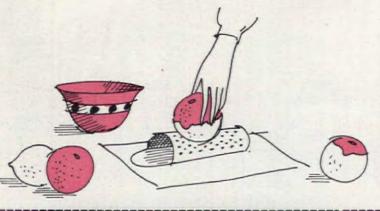
4 c. finely chopped green pepper 4 c. seedless raisins

12 c. cugar

12 c. chopped crystallized ginger
(about 3 oz.)

Combine all ingredients in a large heavy saucepan. Bring to boiling, stirring constantly until sugar is dissolved. Reduce heat, cover, simmer 15 to 20 minutes or until fruits are very tender and syrup slightly thickened. Serve hot or chilled. This will keep for several weeks in refrigerator. Makes 1½ pints.

AMERICAN HOME RECIPES



When grating citrus fruits stop when you reach the white part for it is only the bright-colored skin that has the rich flavoring oils.

Dried Fruit

(pictured in color on pages 56 and 57)

Preparation time: 35 min. Baking time: 15-20 min. Chilling time: overnight

LEMONY SEVEN-LAYER

SWEET AND SOUR MIXED

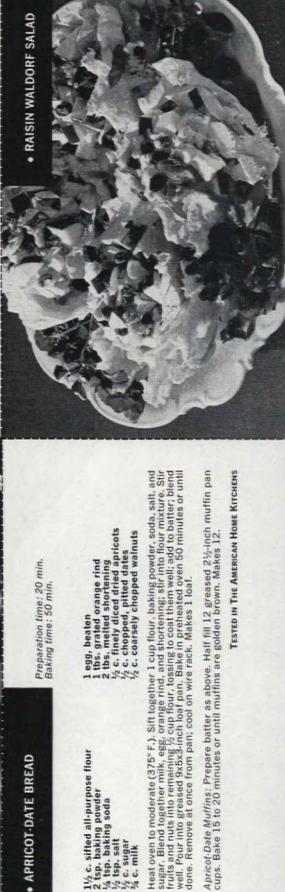
DRIED FRUITS

DATE TORTE

1/8 tsp. salt 1/4 tsp. ground cloves 1/4 tsp. cinnamon 2 c. chopped pitted dates 1/2 c. chopped walnuts 1/2 c. heavy cream, whipped

Grease seven 6-inch disposable foil pans or four 8-inch round layer cake pans thoroughly. Heat oven to moderate (350° F.). Beat egg whites until soft peaks form. Gradually beat in ½ cup sugar: continue beating until meringue is stiff. Measure remaining ½, cup sugar: into large bowl. Beat 3 egg yolks, one at a time, into sugar (save fourth yolk for filling.) Stir in shortening and vanilla. Sift together flour, baking powder, salt, and spices. Stir dates and nuts into flour mixture. Blend in egg yolk mixture (batter will be very stiff). Fold in egg whites. Spread batter evenly in prepared pans. Bake 15 to 20 minutes or until well browned on top. Invert layers at once onto wire racks. Cool thoroughly. Spread cooled layers with Lemon Filling: Combine ¾ cup sugar, 4 tablespoons cornistarch, ¼ teaspoon salt, and 1 beaten egg yolk in small saucepan; stir to blend. Add 2 cups water. Cook over medium heat, stirring constantly, until thick and clear. Stir in 1 teaspoon grated lemon rind and ½ cup lemon juice. Spread on cooled cake layers, stack layers. Chill overnight. Just before serving, spread top of cake with whipped cream. Makes 8 to 10 servings. 4 eggs, separated
1 c. sugar
2 tbs. melted shortening, cooled
1 tsp. vanilla
1 c. sifted cake flour
1 tsp. baking powder

TESTED IN THE AMERICAN HOME KITCHENS



1 egg, beaten
1 tbs. grated orange rind
2 tbs. melted shortening
1/2 c. finely diced dried apricots
1/2 c. chopped, pitted dates
1/2 c. coarsely chopped walnuts

1½ c. sifted all-purpose flour 2 tsp. baking powder ½ tsp. baking soda ½ tsp. salt ½ tsp. salt ⅓ c. sugar ⅓ c. mik

Preparation time: 20 min. Baking time: 50 min.

APRICOT-DATE BREAD

 APRICOT-PINEAPPLE CONSERVE

1 car (1 lb. 2 oz.) crushed pineapple % c. seedless raisins 1/2 c. finely chopped walnuts 1 pkg. (8 oz.) dried apricots Water

2 tbs. lemon juice 4 c. sugar ½ bottle liquid fruit pectin Melted paraffin

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

Combine apricots and enough water to just cover in small saucepan. Bring to boiling; simmer 5 minutes. Drain and chop; reserve ½ cup juice. Combine apricots, reserved juice, pineapple, raisins, nuts, and lemon juice in 4-quart saucepan. Add sugar; stir to blend well. Bring mixture to a full boil over high heart, stirring constantly. When conserve its bubbling rapidly over entire surface, boil hard 1 more minute, stirring. Remove from heat; stir in pectin. Ladle into prepared glasses. Cover at once with ½-inch layer of melted paraffin. Makes 2½ to 3 pints.

To prepare glasses or jars: Wash both glasses and covers in warm, sudsy water. well. Place in a pan with a folded cloth or rack on the bottom. Cover glasses with water. Bring to a boil and boil 15 min. Place lids in a saucepan and pour boiling over them. Let both glasses and lids stand in hot water until ready to use. Drain.

Rinse warm water

TESTED IN THE AMERICAN HOME KITCHENS

NORWEGIAN PRUNE PUDDING



HUNGARIAN MERINGUE PANCAKE DESSERT Preparation time: 35 min./Cooking Time: 1 hr.

3 egg yolks; 1 egg white; $\frac{3}{4}$ c. light cream; $\frac{3}{4}$ c. club soda; $1\frac{1}{2}$ c. sifted all-purpose flour; $\frac{3}{4}$ tsp. salt.

Combine egg yolks, egg white, cream, club soda, flour, and salt; beat until smooth. Use ¼ cup batter for each pancake. Bake on greased 9-inch skillet, tilting pan to make thin pancake. When pancake is lightly browned, brown other side. Stack pancakes between layers of wax paper while making filling. Makes 10 eight-inch pancakes.

Filling: 1 c. cottage cheese, sieved; 1 egg yolk; $\frac{1}{3}$ c. raisins; 3 tbs. sugar; $\frac{1}{2}$ c. ground walnuts; 1 oz. semi-sweet chocolate, grated; $\frac{3}{4}$ c. apricot or orange jam; 3 egg whites; 6 tbs. sugar.

Combine cottage cheese, egg yolk, raisins, and 2 tablespoons sugar. Combine 1 tablespoon sugar, ground walnuts, and grated chocolate. Place one pancake on ovenproof plate, spread with ½ cottage cheese mixture; place second pancake on top; sprinkle with ½ chocolate-nut mixture; place third pancake on top, spread with ¼ cup jam. Repeat layering twice. Place tenth pancake on top. Beat egg whites until foamy; slowly add 6 tablespoons sugar; beat until stiff, glossy peaks form. Spread meringue on top of pancakes. Bake in slow oven (325° F.) 15 to 20 minutes or until delicately browned. Serve cut in wedges. Makes 6 to 8 servings. Serve at once.

AMERICAN DESSERT PANCAKES

Preparation time: 15 min./Cooking Time: 25 min.

 $1\frac{1}{2}$ c. sifted all-purpose flour; 2 tsp. baking powder; 1 tsp. salt; 3 tbs. sugar; 2 egg yolks, beaten; $1\frac{1}{4}$ c. milk (at room temperature); 3 tbs. melted butter or margarine; 2 egg whites, beaten stiff.

Sift flour, baking powder, salt, and sugar together. Combine egg yolks, milk, and butter or margarine. Add liquids to flour mixture, mix until flour is dampened. Fold in egg whites. Use ½ cup batter per pancake. Bake on hot greased griddle. Makes 12 to 14 four-inch pancakes. Serve stacked with butter or margarine and maple or brown sugar. For parties, make 6 large pancakes using ½ cup batter per pancake. Make a stack of 6 pancakes; cut in wedges to make 6 servings.

Fruited Pancakes: Prepare American Dessert Pancake batter according to recipe.

Use 3 tablespoons of batter for each pancake. Pour about 1½ tablespoons of batter on griddle; place a thin slice of pared apple ring or 4 slices of banana on top of batter. Immediately pour remaining 1½ tablespoons of batter on top of fruit. When brown on bottom turn and brown other side. Serve with butter, cinnamon, and sugar or with lemon sauce. Makes 18 to 20 three-and-a-half-inch pancakes.

BLINTZES

Preparation time: 15 min./Cooking time: 45 min.

3 egg yolks, beaten; 2 tbs. melted butter or margarine; $\frac{3}{4}$ tsp. salt; 2 tsp. sugar; $\frac{3}{4}$ c. sifted all-purpose flour; $1\frac{1}{2}$ c. milk; 3 egg whites, beaten.

Beat egg yolks, butter or margarine, salt, sugar, flour, and milk until smooth; fold in egg whites beaten to soft peaks. Cover bowl; let batter stand at room temperature 1 hour. Bake on hot greased skillet using 2 tablespoons batter for each pancake, tilting pan to make very thin blintz. Brown on one side only, stack browned side up between squares of wax paper. Makes 20 to 21 blintzes.

Strawberry Blintzes: 1 recipe blintzes; 1 c. cottage cheese, sieved; 1 egg yolk; 2 tbs. sour cream; 1 tbs. sugar; dash of salt; $\frac{1}{2}$ tsp. grated lemon rind; 1 c. sliced strawberries (fresh or frozen).

Prepare blintzes according to recipe. Combine cottage cheese, egg yolk, sour cream, sugar, salt, and lemon rind; fold in strawberries. Place heaping tablespoon of cheese mixture in center of browned side of each blintz; fold sides over filling like an envelope, sealing with batter. Brown in butter or margarine; serve with sour cream and additional sliced strawberries, if desired. Makes 6 to 7 servings.

Cherry Blintzes: 1 recipe blintzes; 2 c. drained canned red sour cherries in heavy syrup; 3 tbs. sugar; 1½ tbs. flour; ¼ tsp. cinnamon.

Prepare blintzes according to recipe. Combine cherries, sugar, flour, and cinnamon. Place spoonful on browned side of each blintz; fold sides over filling and seal with batter. Brown in butter. Serve with sour cream. Makes 6 to 7 servings.

BAKED GERMAN PANCAKE

Preparation Time: 20 min./Baking Time: 30 min.

3 eggs; ½ c. sifted all-purpose flour; ¾ tsp. salt; ½ c. milk; 2 tbs. melted butter or margarine; ¼ c. butter or margarine; ¼ c. honey; ¼ c. toasted slivered almonds.

Beat eggs until blended. Add flour, salt, and milk; beat until smooth. Stir in 2 tablespoons butter or margarine. Pour batter into well-greased, 9-inch skillet. Bake on bottom shelf of very hot oven (450° F.) 20 minutes. Prick well, reduce temperature to moderate (350° F.), bake 10 minutes longer. Remove from oven; spread with topping of ½ cup butter or margarine and ¼ cup honey creamed together. Sprinkle slivered almonds on top. Place on platter. Serve at once. Makes 6 servings.

Topping Variation: Combine ½ cup sugar, ½ teaspoon cinnamon, and 3 tablespoons melted butter. Sprinkle over pancake during last 5 minutes of baking.

DANISH THIN PANCAKES

Preparation time: 20 min./Cooking time: 50 min.

 $1\frac{1}{2}$ c. sifted all-purpose flour; 2 tbs. sugar; 1 tsp. salt; $\frac{1}{2}$ tsp. cardamom; 4 egg yolks, beaten; $1\frac{2}{3}$ c. milk; 7 tbs. melted butter or margarine; 4 egg whites, beaten stiff; lingonberries or whole cranberry sauce.

Sift flour, sugar, salt, and cardamom together. Combine egg yolks, and milk; add gradually to flour mixture, mixing until smooth. Stir in butter or margarine; fold in egg whites. Bake on *ungreased* skillet using 3 to 4 tablespoons batter for each pancake; tilt pan to make 6-to 7-inch pancakes. Fold in quarters, serve with lingonberries or whole cranberry sauce. Makes about 16 pancakes.

VIENNESE CHOCOLATE PANCAKES

Preparation time: 15 min./Cooking time: 20 min.

 $\frac{3}{4}$ c. sifted all-purpose flour; $\frac{1}{2}$ c. sugar; 1 tsp. salt; 2 eggs, beaten; 1 c. milk; $\frac{1}{2}$ c. light cream; $\frac{1}{2}$ sqs. unsweetened chocolate, melted; 1 tsp. vanilla.

Sift flour, sugar, and salt together. Combine eggs, milk, cream, melted chocolate, and vanilla; beat until blended. Add flour mixture; beat until smooth. Cover bowl; let batter stand half hour. Bake on greased skillet or griddle using 2 tablespoons of batter for each pancake. Keep pancakes warm in a towel (or reheat in oven) while preparing filling.

Coffee Cream Filling: 1½ c. heavy cream; 3 tbs. confectioners' sugar; 2½ tsp. instant powdered coffee; confectioners' sugar; chocolate curls.

Combine heavy cream, 3 tablespoons confectioners' sugar, and coffee; beat until soft peaks form. Place spoonful on each pancake; fold pancake in half. Sprinkle with confectioners' sugar and a few chocolate curls. Makes 6 to 7 servings.

Franz Pancakes: 1 recipe Viennese Chocolate Pancakes; ¼ c. sugar; 3 tbs. flour; ¾ c. milk; 2 egg yolks, beaten; ½ tsp. vanilla; ¾ c. heavy cream, whipped.

Prepare pancakes according to recipe. Combine sugar and flour in saucepan; stir in milk. Cook over medium heat, stirring constantly until thickened. Stir half the hot mixture into beaten yolks; blend into mixture in saucepan. Cook over low heat two minutes, stirring constantly. Cool, stirring occasionally. When cold, fold in vanilla and whipped cream. Place spoonful of cream mixture on each chocolate pancake; fold in half. Serve with hot orange, chocolate, or fudge sauce, if desired. (continued)

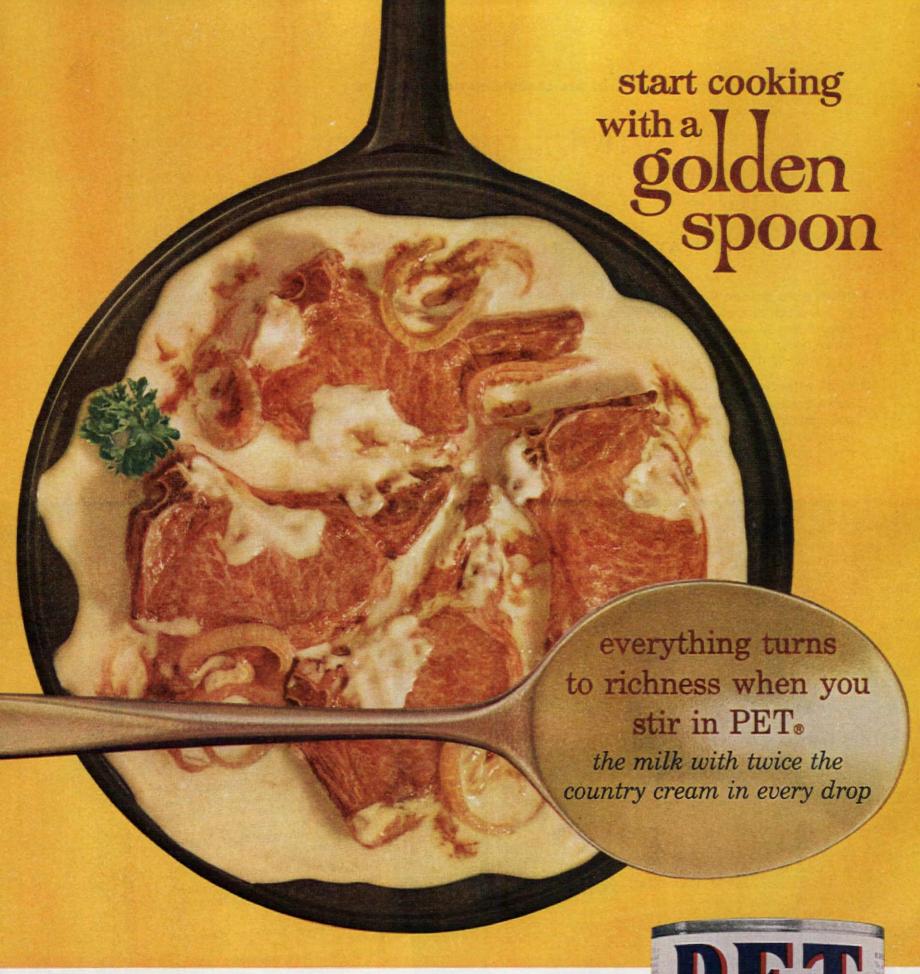
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 to them it's the most precious of vegetable oils.





· GRAVY-BAKED PORK CHOPS ·

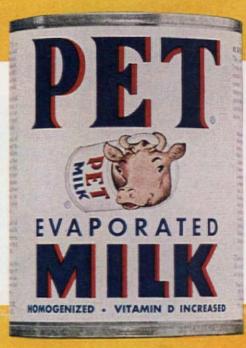
A PET Milk Golden Spoon recipe

When PET Milk swirls with the brown-flecked pan juices, you know you're going to serve your chops in a gravy like gravy should be...creamy-rich, velvet-smooth every time. There's never an "if," never a lump, when PET smooths your sauces and gravies, and adds the richness you get only with this milk with twice the country cream in every drop.

- 1. Sprinkle 4 lean Pork Chops, 1/2 inch thick, with 1/4 teasp. Salt and few grains Pepper. In 10-inch skillet brown in 1 Tablesp. hot Shortening. Drain off drippings.
- 2. Pour around chops a mixture of 1 can Cream of Chicken or Cream of Mushroom Soup, 2/3 cup PET Evaporated Milk and 1/3 cup Water. If desired, add 1 Onion, thinly sliced.
- 3. Bake in 350 oven (moderate) 45 minutes, or until chops are tender. Stir gravy well. Serves 4.

For top-stove fixing: Cover skillet; cook chops and gravy over low heat about 45 minutes, or until chops are tender. Stir now and then.

MILK PRODUCTS DIVISION



(continued)

SWEDISH PLÄTTAR

Preparation time: 20 min. / Cooking time: 30 min.

 $1\frac{1}{4}$ c. sifted all-purpose flour; 2 tbs. sugar; $\frac{1}{2}$ tsp. salt; 3 eggs, beaten; 1 c. light cream; 2 c. milk; lingonberries or applesauce; confectioners' sugar.

Sift flour, sugar, and salt together. Beat eggs and cream; add flour mixture; beat until smooth. Stir in milk gradually; cover bowl. Let batter stand at room temperature 1 hour. Heat plättar pan (plättpanna) or use a heavy iron skillet or griddle. Butter each section of plättar pan or griddle. Use 1 tablespoon batter for each pancake; turn pancakes when golden brown. Stack pancakes on top of each other; cover with towel to keep warm. Use 6 to 8 pancakes per serving. Layer with lingonberries or applesauce and sprinkle with confectioners' sugar. Makes 8 to 10 servings.

Variation: Melt 1 tablespoon butter or margarine in 9x12x2-inch pan. Pour batter into pan. Bake in hot oven (425° F.) 40 to 45 minutes or until puffed and browned. Cut into squares. Serve as above. Makes 8 servings.

CRÉPES

Preparation time: 15 min. / Cooking time: 1 hr.

1 c. plus 2 tbs. sifted all-purpose flour; $\frac{1}{4}$ c. sugar; $\frac{1}{4}$ tsp. salt; 3 eggs, beaten; $\frac{1}{2}$ c. milk; 1 tbs. melted butter or margarine; 1 tbs. cognac or brandy.

Sift flour, sugar, and salt together. Combine eggs, milk, butter or margarine, and cognac or brandy; add to flour mixture, beating until smooth. Cover bowl; let batter stand at room temperature for 2 hours. Bake in hot greased 6- to 7-inch skillet using 2 tablespoons batter for each crêpe, tilting pan to make a very thin crêpe. When crêpes are delicately brown on underside, turn to brown other side. If making crêpes ahead, wrap loosely in aluminum foil until ready to use.

Crêpes Suzette: 1 recipe crêpes; 3 tbs. butter or margarine; 4 tsp. sugar; 1 tsp. grated orange rind; $\frac{2}{3}$ c. orange juice; $\frac{1}{2}$ tsp. lemon juice; $\frac{1}{2}$ c. Cointreau, curação, Benedictine, or Grand Marnier; $\frac{1}{2}$ c. warm brandy.

Prepare crêpes according to recipe. Melt butter or margarine in skillet or chafing dish; add sugar, orange rind, orange and lemon juice; heat until sugar dissolves; add liqueur; heat; add crêpes folded in quarters; baste. Remove pan from heat (or turn off heat if using electric skillet). Add warm brandy, ignite, and serve. Makes 20 crêpes or 6 to 7 servings.

Crêpes Jubilee: 1 recipe crêpes; 1 pkg. (8 oz.) cream cheese; ¾ c. dairy sour cream; 1 can (1 lb. 5 oz.) cherry-pie filling; 2 tbs. water; 2 tbs. butter or margarine; 2 tbs. Cointreau; 3 tbs. cognac.

Prepare crêpes according to recipe. Blend cream cheese and sour cream until smooth. Place spoonful of mixture on each baked crêpe, roll up; place in single layer in shallow, flat pan. Cover with foil, bake in moderate oven (350° F.) 15 minutes. Heat cherry-pie filling, water, and butter or margarine. Add Cointreau and cognac. Serve over warm crêpes. Makes 20 crêpes or 6 to 7 servings.

Crêpes New Orleans: 1 recipe crêpes; ¼ c. sugar; 3 tbs. flour; ½ c. scalded milk; 2 egg yolks, beaten; ½ tsp. vanilla; ¾ c. heavy cream, whipped; 1 c. apricot jam; ¼ c. orange juice; 1 tbs. butter or margarine; ¼ c. rum.

Prepare crêpes according to recipe. Combine sugar and flour in saucepan; stir in milk. Cook over medium heat, stirring constantly, until thickened. Stir half the hot mixture into beaten yolks; blend into remaining mixture in saucepan. Cook over low heat 2 minutes, stirring constantly. Cool, stirring occasionally. When cold, fold in vanilla and whipped cream. Mash apricot jam in saucepan with fork to break up large pieces of fruit; add orange juice and butter or margarine; heat until bubbly. Place spoonful of whipped cream mixture on each baked crêpe; roll up. Place in single layer in shallow pan. Brush ½ cup apricot sauce over crêpes. Place under broiler 1 minute. Add rum to remaining sauce; heat until bubbly; serve hot over crêpes. Makes 6 to 7 servings. To flame, pour additional warm rum over crêpes and ignite. If you wish, add ¼ cup toasted, grated almonds to crêpe batter before baking.

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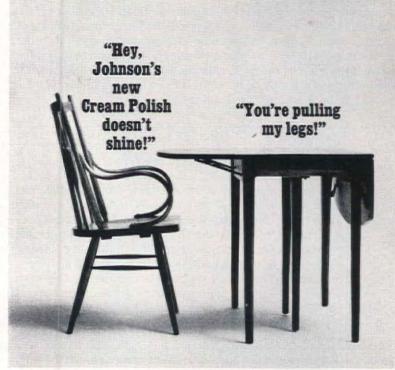
For the sauciest of Seafood Cocktail Sauces, combine 1 cup of tomato catsup, ½ cup lemon juice, 1 Tbsp. Lea & Perrins, 1 Tbsp. of grated onion. Blend and chill. Serve with oysters, lobster, clams, crab-meat, shrimp or scallops.



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Many home owners throughout the country went without heat last winter for periods ranging from several minutes to one or more days because of heating-system breakdowns. It's not exactly a pleasant experience.

The unfortunate ones were forced to sit it out for many hours or even days in a freezing, unhealthy atmosphere. They either lived in areas where eye-high snow kept servicemen bogged down or where service departments were just too busy to answer their cries for help immediately.

There were other home owners who also encountered troubles under the same situation, yet they managed to get heat into their homes without the need for service people. In many cases heat was kept to a minimum and the home was not at an ideal comfort level, but it was heat nevertheless—and it lasted until help arrived.

What did these fortunate home owners have working for them that the others didn't? Well, perhaps they kept one vital fact in mind when the system suddenly quit—according to heating experts, the chances of a home owner getting it started again without professional assistance are as high as 70 per cent.

Those are good odds. They certainly demand that you take steps now to become familiar with recommended emergency procedures—procedures that are perfectly safe and don't require technical know-how.

The following tables tell you, in step-by-step order, what to do if an emergency hits. You might want to clip the ones that apply to your type of heating system and keep them in a handy spot.

There are three check lists. The first applies to heating systems in general, and from it you can take the items that pertain to your system. The second and third apply to the type of fuel you use—that is, oil or gas respectively.

In going through your checks, you should follow the suggestions made in numerical sequence in table one, then in table two or three, whichever is applicable to your system. This assures a logical trouble-shooting order.

The first thing you do is call your serviceman. Although you might find the cause of the trouble and fix it, chances are you'll need this expert to attune the furnace properly once more. If the trouble is minor, you can always call him back and tell him to cancel the visit.

TABL	E I EMERGENCY CHECK LIST FOR ALL SYSTEMS
Here's What to Check	Here's What to Look For
1. Thermostat (all systems)	Turn the thermostat five degrees above the indicated room temperature. If you have an automatic day-night thermostat, make sure the cycle hasn't been accidentally reversed. If the burner doesn't go on, open the thermostat cover and check the type of control. If contact points are used (they're employed in older type and day-night thermostats) dirt on the points could be hampering operation Clean off the points by running a dollar bill or a name card between them. Never use an abrasive such as sandpaper If you have a mercury vial control, there's nothing that car go wrong with it.
2. Fuse or Circuit Breaker (all systems)	Find out which fuse or circuit breaker controls the furnace. If fuse-controlled, determine if the fuse has become loose because of vibration (particularly true if you live near a truck-traveled highway) or has blown because of age wear, and continuous surging. Always keep spare fuses or hand. A fuse that blows continually or a circuit breaker that keeps tripping indicates a malfunction in the electrical system. Have it checked as soon as possible. Before proceeding further, check item No. 1 in table II or III.
3. Boiler (steam system)	Check the boiler gauge. If water is low, the burner will shut off automatically. Refill until the gauge shows half ful and the burner will go on.

4. Circulator (hot water system) Circulators fail primarily because of lack of lubrication. When this happens, most burners shut off automatically. Lubricate the circulator with a light household oil (you'll see lubrication cups on the unit). Then try starting it. Some circulators have a reset switch. Press it. If yours doesn't have such a switch, give the circulator a sharp rap with the palm of your hand.

5. Filter (forced air system)

Filters must be cleaned often for efficient heating. A totally clogged filter will not cause the burner to stop operating but could prevent heat from reaching the home's living quarters. Take the filter out and clean it by rapping sharply against a hard object. It's a good idea to keep a new filter in reserve.

Blower (forced air system)

Here's What

to Check

Inspect the blower fan belt. These have a way of breaking after a few years of use. If broken, slip a new belt onto the pulley wheels. It's wise to keep a spare belt on hand. You can buy a V-type belt of the right size at a gasoline station. If the blower has a short and is malfunctioning, you can get some heat into the house as explained in No. 3, in table III, for gas-fired systems. The same method can be employed with oil burners by removing the filter and fan belt, and keeping your burner in operation. Be aware, though, that an oil burner will automatically shut off when temperature inside the furnace reaches 200°.

Here's What to Look For

TABLE II EMERGENCY CHECK LIST FOR OIL BURNERS

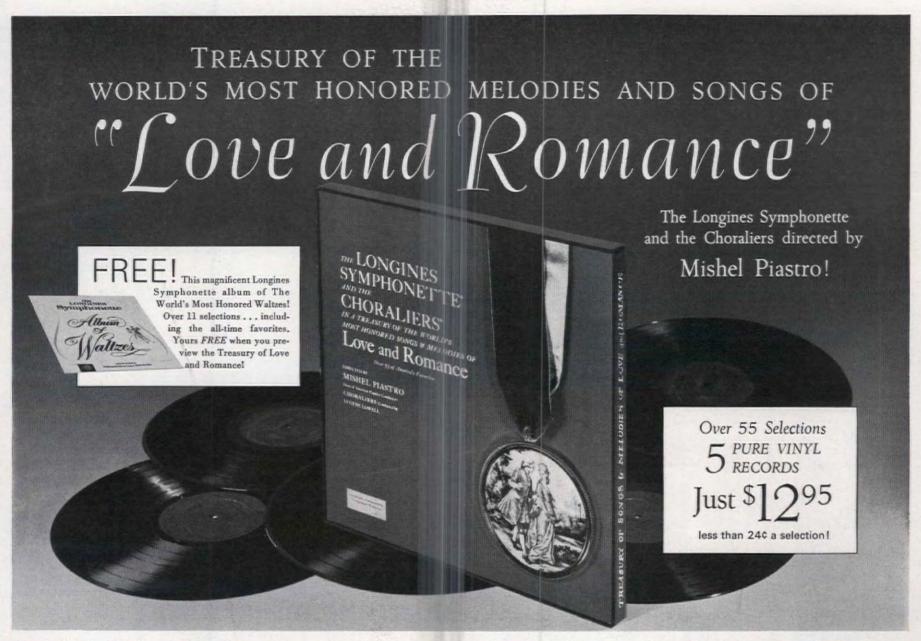
1. Emer- gency Switches	Make sure all switches are turned on. There may be two, with the most common locations being near the living quarters stairway to the basement, above the outside cellar door, and above or on the furnace. If you don't know where these switches are, find out! One of the kids could have turned one off accidentally, causing the emergency.
2. Oil Tank	Is there oil in the tank? Gauges used on inside tanks can stick and give a false reading. Jar the gauge by banging on the tank's side near the gauge. Then check reading again.
3. Oil Line Valve	This valve controls the flow of oil to the burner. It operates like a water valve—with the valve closed, there will be no flow. If you have an indoor tank, the valve is on the line going from the tank to the furnace. If it's an outside tank, the valve is usually on the wall where the line enters the house. Make sure the valve hasn't been turned off accidentally.
4. Motor Overload Switch	Most motors are equipped with this switch to prevent damage if trouble occurs in the electrical circuit. The switch control button, usually painted red, is located somewhere on the motor housing. Press it. The motor should start. If not, press the stack control relay. If the motor starts and stops, or doesn't start at all, leave it alone. This is now a job for your serviceman.
5. Stack Control Relay	This is a safety switch that shuts down the furnace if an unsafe condition exists, such as an electrical failure. It's located either on the smoke pipe that runs from the furnace to the chimney or on the furnace itself. Reset this

switch once only by pressing the button or pulling the tab, whichever you find on your burner. If the furnace starts but shuts down again, the trouble is internal. At this point do not press this relay again, for if it were going to run it

(continued on page 106)

would have done so by now.

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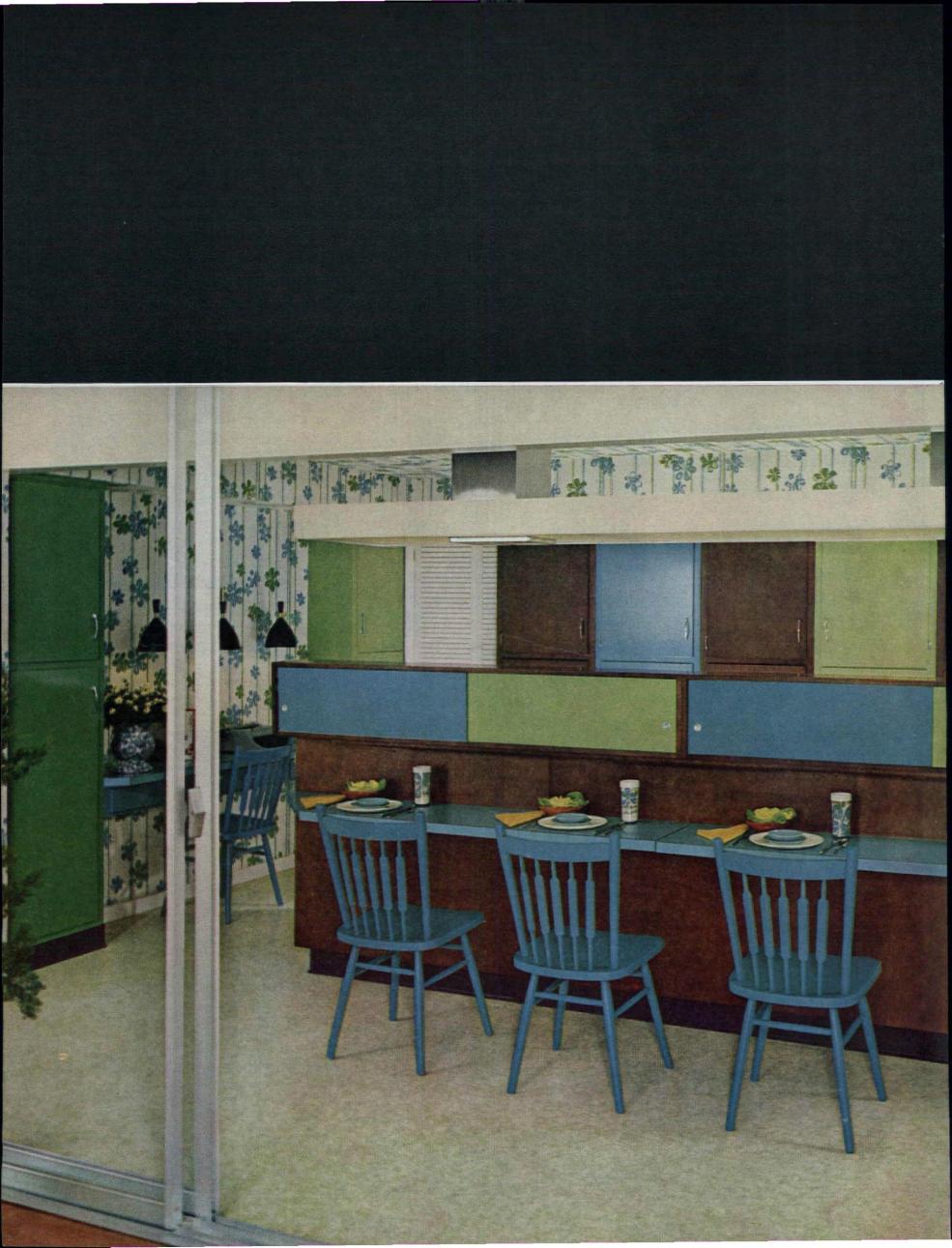
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OUR PANTRY-SHELF KITCHEN: A FRESH LOOK AT KITCHEN DESIGN

VIRGINIA T. HABEEB

What happens when THE AMERICAN HOME is asked to design a new kitchen? We come up with our Pantry-Shelf Kitchen—that's what. And it's easier said than done.

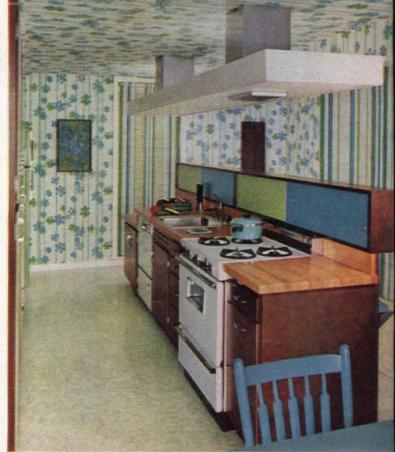
Our job is to find a fresh new concept in kitchen design and one that can be readily adapted to fit your particular needs and personality.

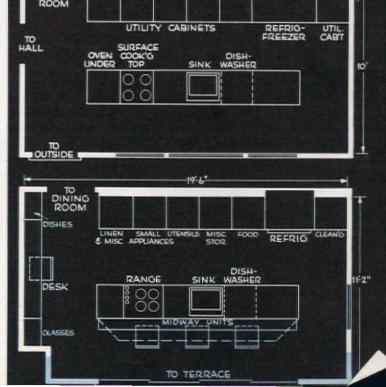
When we sit down to the drawing board we first ask ourselves just what a kitchen is for. Certainly it is not a place where you sit by the fire, or do the laundry, or play scrabble. This is not to say a kitchen should never include such areas but, first and foremost, it is where all the activities for preparing the meals for your family take place. It should be an easy-to-operate work center where cooking is made easier and more fun.

Second on our minds is the most common complaint of homemakers everywhere—the lack of adequate and convenient storage space for all the foods, utensils, appliances, and cleaning supplies a modern kitchen is prone to. Hence we bring the pantry back to the kitchen.

Notice we have eliminated all wall cabinets, giving the utility cab net a chance to be what it was designed for-a large pantry storage area right in the kitchen. Our basic core (top plan, right) is a food preparation center. It has a fullheight pantry wall for refrigeration and storage including a refrigerator-freezer and 24" deep utility cabinets to house linens, food, cleaning supplies, small appliances, and utensils; plus a staggered height work island with a variety of undercounter storage areas. The kitchen we (continued)

Lyman Emerson Shopping Information, page 88







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(continued) photographed (plan shown bottom right, page 81) is a variation of the basic plan. We have added a pull-down serving and eating counter; sliding, on-the-spot midway shelves for storing ingredients and utensils in strategic areas; a planning desk; and two 13-inch-deep utility cabinets for glassware and dinnerware.

Let's consider the Pantry-Shelf Kitchen area by area and we'll point out how each component makes meal preparation easier and more fun.

The pantry wall contains five roomy utility cabinets, all with easy-to-adjust roll-out shelves. We've arranged the contents of the closets to fit our work habits. However, they are most flexible and, in your own home, you would shortly discover where the most practical placement of items is for you.

You'll also note in the plans on the previous page, the refrigerator-freezer is not adjacent to a counter. Here we feel it is unnecessary when you merely have to make half a turn to place items on the work island.

We have said in the past that for a practical kitchen there should be a minimum total of 10 feet of counters. However, don't think that it's impossible to design workability into a small kitchen with less counter space. The main point is how the work space is arranged to make it most useful. Because actual working counter space is a minimum 71/2 feet in this kitchen, we've covered it with a hardwood surface. (See small photograph on page 81.) We felt this was most practical for accomplishing a number of jobs in a small space. Where more counter space is available, you'll want to choose a variety of surfaces to include stainless steel, laminated plastic, or a combination of all three materials.

Counter heights are 36 inches except in the mixing center. Here it's 30 inches high—perfect for us; plan your counter to suit your height. In the cabinet below and in the midway units we have repeated many items stored in the utility closet, such as measuring cups and staples—added expense—but it saves time and steps.

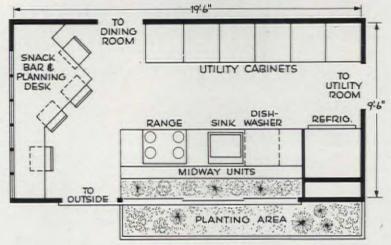
The midway units also hide the unsightliness of food preparation and clean-up in an open-plan kitchen.

On the opposite side of the island is the fold-away snack area or serving buffet illuminated by under-counter lighting. The laminated counter top is heatproof—and easy to clean.

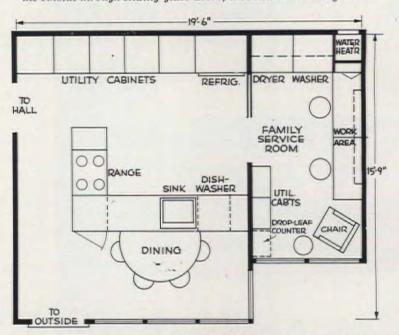
Encompassing the entire island and brightening the work area is the hood of lights. Note that the ventilating fan and exhaust system are directly above the range. The metal duct, supporting the hood, and designed for the removal of grease and odors, now becomes decorative and functional.

A plan desk is not a necessity but a practical addition to any kitchen. Gay wallpaper has an acrylic finish which is washable. The paper is treated to resist stain. For a closer look at the inside of this kitchen, turn to page 84.

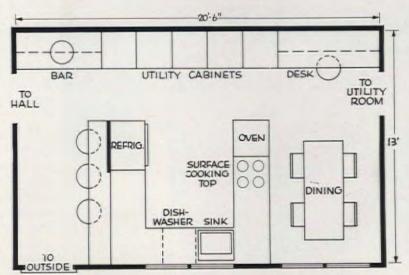
Pantry-shelf kitchen variations



A corridor or two-wall kitchen variation of the basic design moves the refrigerator to the working wall, giving one additional utility cabinet. The desk and snack bar are one, designed a bit more dramatically and offering additional counter work space when needed. For the gardener a large indoor planter, accessible from the outside through sliding glass doors, is behind the midway units.



An L-shaped design variation adds a family service room adjacent to the kitchen for laundering, ironing, hobbies, or sitting, plus two more utility cabinets for additional storage. This room lends itself to what we call "planned chaos" where the ironing board can stay up all the time, the gift wrappings out, or the material on the sewing machine. Just slide the door closed and hide the working clutter.



The U-shaped kitchen variation will appeal to those who enjoy eating family meals in the kitchen. The cooking center features a built-in oven and cook top. The range-area counter top doubles as a serving counter for the dining area. The snack area is ideal for after-school cookies and milk or a quick cup of coffee. The built-in bar conveniently services nearby entertaining areas of the home.



Linens, vases, thermos jugs, paper supplies, and a variety of serving pieces are stored in the utility cabinets near the dining room and terrace—where they are most often used.

Small electric appliance storage is a problem to many home-makers. On the easy-to-roll-out shelves of this utility cabinet we have more than a dozen appliances. Shelves are adjustable and can be arranged to fit the height of any equipment.

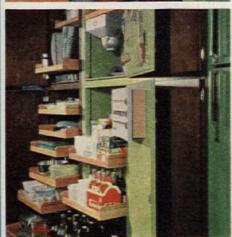
Pots and pans, casserole dishes, a large roaster all find space in these closets. For storing baking utensils there is a vertical slotted wire holder. Combination flour container and sifter is attached to one shelf. On the door hang small utensils and a three-way dispenser.

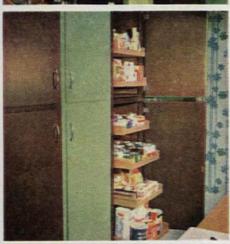
The food storage cabinet contains all necessary food supplies and staples. There is never any reaching or guesswork to find a specific item. Food inventories are easy to keep.

Cleaning equipment is stored in the lower half of this closet. The brooms and brushes hang from cup hooks and a wire bag holder is installed on the door. Above are all necessary waxes, detergents, soaps, polishes, plus a handy portable vacuum.





















The 30" high counter at the end of the island work area is a perfect mixing height. Mixing equipment and nonrefrigerated vegetable storage are below. An electric outlet at the back of the counter allows you to use small appliances on the spot. Midway units hold an extra supply of spices and small utensils.

Clean-up center has a sectional drawer for flatware; another for utensils; the third is metal lined to keep baked goods fresh; and the fourth is a handy place for towels, potholders, aprons. Beneath the sink is a garbage disposer, a pull-out rack for towels, and vertical tray storage compartments.

Slide-in compact gas range gives you a large 30" oven in a minimum amount of space. Adjoining cutting-board counter is convenient. An extra slide-out cutting board and hidden trash basket are featured in this area.

Snack bar behind island work center can be used for serving buffets or for quick family meals. It folds out of the way when not in use. Midway storage services both sides of island—condiments and serving accessories are easy to reach at mealtime or for use on the other side in food preparation.

Desk area is ideal for planning meals, talking on the phone, or writingletters. When necessary, heatproof laminated plastic desk can be used as additional counter space. On each side of desk are adjustable shelved closets for dishes and glasses.



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HY STEINBERG

BEFORE YOU BUY A PORTABLE DRILL

Sooner or later every home owner starts to acquire power tools. Even the anti-do-it-yourselfer eventually succumbs to the routine jobs around the

house and finds himself in occasional need of power tools. The power tool that's almost always first on the list is the portable electric drill. If you don't already own one then it should be on your list.

Unfortunately, if you're completely uninformed about portable drills, you may freeze with the fear of making a wrong purchase when you discover how wide the selection is in types and prices. To steer you right, here are some fundamentals about buying and using the portable electric drill.

The most important specifications for portable drills are speed (r.p.m.), power (horsepower or amperage), and chuck size. The drill is usually referred to by its chuck size. Thus, a 1/4" portable drill will accommodate drill bits or accessories having a shank no larger than 1/4 in diameter. The standard chuck sizes are 1/4", 3/8", and 1/2". The power rating is generally stamped on the manufacturer's name plate attached to the drill housing. If only amperage is indicated, you can determine the approximate horsepower if you divide the amperage by the constant 6.7. A 3-ampere drill might consume 3 amperes of electrical energy, but the resulting mechanical energy delivered at the chuck depends upon the friction losses in the motor. gears, and bearings. For this reason a cheaply made drill will deliver less power than a top-quality drill with equal ampere rating.

Drill speeds may range from 250 r.p.m. (revolu-

tions per minute) up to 3000 r.p.m. or higher. Heavy drilling in metals, masonry, and other hard materials requires greater power and lower speeds (250-1000 r.p.m.). In addition, drilling 3/8" or 1/2" holes in any material requires much more power than drilling 1/4" or smaller holes. This is why lower speed, greater power, and larger chuck capacity all go together. The price, of course, increases too. The more powerful, low-speed drills can also be used satisfactorily on wood and other soft materials. The

smaller, high-speed drills can do a much faster and cleaner job on wood but they are usually inadequate except for the lightest drilling on masonry and steel.

Your best choice of drill depends upon your own particular needs. The important thing is to strike a balance between the size and price of the tool and your anticipated use. If you shrink at the mere mention of hand tool shop (even if it's only a desk or workbench in the corner of the basement) and enjoy tackling repair jobs or building things, consider the medium- to high-priced (\$15 to \$40) 1/4" or 3/8" drill. With proper care it will give years of dependable service and handle most drilling jobs with ease. If the drill is not going to be one of a family of power tools you expect to own, a set of attachments for grindcan be recharged about 400 times and you can drill up to several hundred holes on each charging. Since the battery voltage is very low, the drill is completely free of any shock hazard. You can feel perfectly safe using it while standing on wet ground-a reckless procedure with any other drill.

> power requires a larger motor. However, there are some features that often the tool housing and elim-

sounds or feels like there around inside-it may be closer to the writers' label on the tool. It's your guarantee that the tool meets all es-

Using your portable drill the right way always produces better results and prevents accidents. If the hole to be drilled is large, drill a pilot hole first. Don't allow the drill bit to overheat. Excessive heating will destroy its temper and make it worthless.

If you're a confirmed do-it-yourselfer and handy man (you qualify if your wife considers your elaborate tool shop as her competition) and would risk being called a drill addict, we recommend a good 1/4" and 1/2" drill in addition to a batterypowered model. This professional assortment will prepare you for anything that may come along, except your wife, of course. The price of a portable drill goes up with increase in power because greater

show no relation to price and should be kept in mind whether you're checking a \$10 drill or a \$50 drill. Be sure the drill has a 3-wire conductor cord and 3-prong plug. The extra wire grounds inates the shock hazard in the event of a short circuit. There are three types of chucks used to hold the drill bit: the hand-tightened one (least effective), the chuck tightened with a hexagonal key, and the chuck that's

tightened with a geared key. The geared-key chuck is the best, so look for it regardless of your price category. A lightweight aluminum allov or plastic housing is preferable to a heavy steel housing. The heavier the drill the quicker you'll tire, especially with prolonged drilling. Turn the drill on and listen to it. Good bearings and construction found in the better drills produce a smooth whirring sound and are comparatively vibration free. Pass the drill up if it

are a bunch of nuts and bolts whirling truth. Last of all, look for the Undertablished electrical code requirements.

Black and Gold Florentine by Wedgwood

Captivating creamers that set you aguiver dry halo-bright with Calgonite®

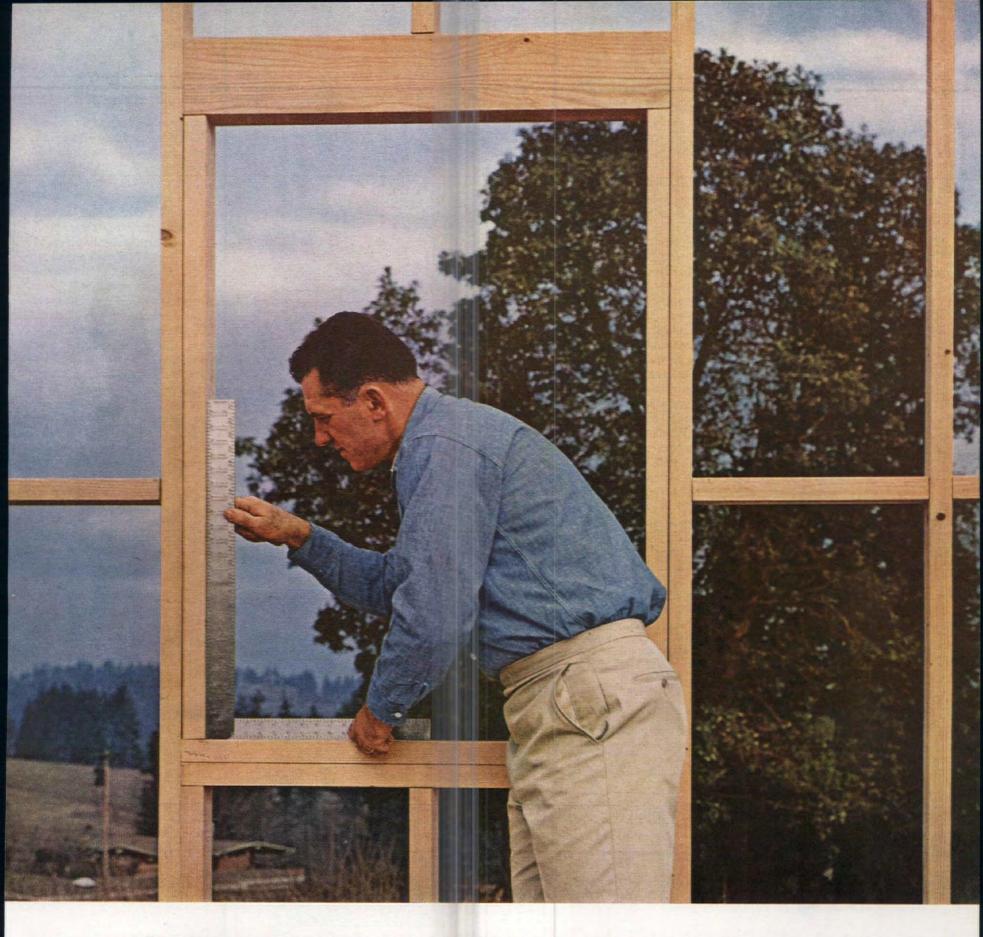


Wedgwood recommends it

labor and your only requirements are for emergency use or occasionally drilling holes in wood or plaster, your best bet is a 1/4" drill bargain-priced at \$9 or \$10. They're not made to stand up under continuous use or difficult drilling, but will serve your purposes well. Don't be induced to buy if the drill is accompanied by a fancy kit with attachments. The lowpriced drills lack the power to drive attachments satisfactorily.

If you are a dedicated home owner who maintains some semblance of a ing, polishing, cutting and screwdriving is a worth-while investment.

You might consider buying one of the new battery-powered drills that are truly portable. Since they have no line cord, they are excellent for working outside the house and in areas that are distant from a power source. The high price tag (\$50 to \$60) is more than offset by its many advantages. The most convenient drill made has a battery built right into the handle, and it packs a very surprising amount of power. The power cell or battery



Square now...but will the window slide a year from now?

Quality construction is several things. Proper construction techniques, yes...the finest materials, definitely. Wood is man's finest building material...strong, light, workable, inexpensive.

But there's a big difference in wood...depending upon whether it's dried before or after it's nailed into your home. When first sawn into lumber, wood is saturated with natural moisture. As it dries, it shrinks and changes shape. This is known as "seasoning."

Obviously, if this seasoning takes place *in* your home, it causes problems. Bothersome little problems like sticking windows and squeaky floors... costly big problems like cracked walls and nails popping through plaster.

Protect yourself from these problems with pre-seasoned lumber from the member mills of the Western Pine Association. This lumber is seasoned under scientifically controlled conditions at the mill, before your builder gets it. Pre-seasoning "locks" the lumber into proper shape. It slowly shrinks and hardens the wood cells from within, giving the wood added strength, greater nail-holding power and resistance to decay. Pre-seasoned WPA lumber conforms to rigid quality standards. It is your assurance that windows, doors, walls and floors will stay true and firm year after year. When you build or remodel, insist upon pre-seasoned lumber with WPA grade and species marks.

Build or buy a new home of seasoned WPA wood now!



IDAHO WHITE PINE PONDEROSA PINE
LODGE POLE PINE SUGAR PINE LARCH
WHITE FIR DOUGLAS FIR ENGELMANN SPRUCE
RED CEDAR INCENSE CEDAR

WESTERN PINE ASSOCIATION

How to wake up a tired nightie!



Just dye it with RIT in your washer



(or basin)



It's easy!



Dyeing with RIT® is fast, fun ... almost foolproof! (continued)

On all materials except stone or masonry, drill in stages and allow the bit to cool off frequently. For masonry and stone drilling, use the special carbide-tipped drill bits and do just the opposite. Keep a steady, constant pressure on the drill. Letting up on this pressure while the drill is running may chip the bit or ruin the hole.

Use a cutting oil or kerosene when drilling through steel and other hard metals. Paraffin is a better lubricant for softer metals such as aluminum or brass. Overheating is also the easiest way to permanently damage or ruin the drill motor. If the drill should slow down or bind in the work piece and come to a complete halt, quickly remove it from the hole and allow the drill to reach normal operating speed before turning it off. This gives the built-in fan a chance to cool down the motor.

When drilling through wood or sheet metal, back up the underside of the hole with a piece of scrap wood. This prevents splintering or jagged edges when the drill breaks through.

Never attempt to open or close the chuck while the drill is connected or while your hand is still holding the triggered grip. Don't wear a tie or loose clothing that might catch in the drill. If you're drilling metal, stone, or other hard materials, protect your eyes with goggles. They may be uncomfortable and look funny, but remember that even the tiniest flying particle can make you much more uncomfortable.

Once you become accustomed to the convenience of owning a portable drill you will wonder how you ever got along without it. Before long you'll be eyeing other power tools. We'll be discussing these in forthcoming arti-THE END cles of this series.

SHOPPING INFORMATION

FUN AND FAKERY DECORATE

YOUR WALLS

Pages 54, 55: "Knotty Pine" wallpaper—Pageant wallpaper Corp. Animals—Herman Miller, Inc. "Antique Tile" wallpaper—d-c-*fix. "Chinese Lattice" wallpaper—Louis W. Bowen. "Garden Gingham" wallpaper—E-Z-Du by Imperial. White shutter wallpaper—A. H. Jacobs Co. Ceramic rabbit—Bonwit Telier. "Canery Beau" wallpaper—Philip Graf Wallpaper Inc. * Marble wallpaper—Richard E. Thibaut Inc. Accessories—Bonwit Teller. Red brick wallpaper—E-Z-Du by Imperial. Silk flowers, watering can—Lindsey & Arden. Crocodile wallpaper—Clarence House Imports Ltd. * Furniture—Orleans House. Accessories—Bonwit Teller. "Colonial Shutters" wallpaper—E-Z-Du by Imperial. Tiger skin wallpaper—Leoda de Mar Inc. * Toy tiger—F.A.O. Schwarz.

*Available through decorators only.

OUR PANTRY-SHELF KITCHEN

OUR PANTRY-SHELF KITCHEN

Pages 80-84: Cabinets—Mutschler Bros. Aqua counter tops—Formica. Flooring—Congoleum Nairn.
Wallpaper—Imperial. Range and dispenser—Caloric. Refrigerator—Norge. Blinds—Webb Textiles, Inc. Dishwasher—KitchenAid. Sink—Elkay. Glasses—Fashionaire. White dinnerware—Centura by Corning. Aqua dishes—Oneida Melamine. Linens—Belgian Linen by Fallani & Cohn. Flatware—Community Stainless. Typewriter—Remington. Casserole—Jurgensens. Decorative lighting—Moe. Aqua pans—Club Aluminum. Terrace tile—International Pipe & Ceramics Corp. Aluminum door—Fuller Industries, Telephone—Bell. Small kitchen tools—Thurnauer. Thermos jug, lunch bag—Hamilton Skotch. Cutlery—Ekco. Pyroceram saucepans—Corning, Yellow vase—Raymor. Paper products—Paper Cup and Plate Industries. Rubber housewares—Rubbermaid. Spices—Spice Island. Glass kitchenware—Pyrex. Combination can opener and knife sharpener—Westinghouse. Miser, toaster, blender—General Electric. Carousel rotisserie—Sunbeam. Electric oven, pressure cooker—Presto. 30-cup coffeemaker, baking and roasting utensils—Wear-Ever. Meat slicer, ice crusher—Rival. 12-cup coffee-maker—Universal. Rotisserie-broiler—Farberware. Cake box—West Bend. Cake, pie, and loaf pans—Mirro. Mixing bowls, freezer containers—Tupperware. Floor cleaning equipment—Hoover. Electric fry pan, saucepan—Revere.

RAIN stays OUT while these windows stay



FNJOY FRESH AIR even during a rainstorm with PELLA WOOD MULTI-PURPOSE WINDOWS like these. Screens and storm panels remain in place the year 'round to end seasonal window chores. DESIGN IDEA: if you want windows with small square or diamond panes, choose PELLA snap-in, snap-out glass dividers.

Distributors in U.S. and Canada

WINDOWS

WE'LL ANSWER YOUR INQUIRY WITHIN 24 HOURS -ROLSCREEN COMPANY, Dept. PC-2 Pella, lov Please send free illustrated details on PELLA WOOD MULTI-PURPOSE WINDOWS.



OAK . ASH . BIRCH . PINE PHILIPPINE MAHOGANY

AMERICAN WALNUT

MAKE EXTRA ROOMS with PELLA FOLDING DOORS and their natural beauty of WOOD. And, use them as closures for closets, utilities and storage areas. Easily installed. Order finished or unfinished. Distributed in Canada, too. Send for color pictures of them in actual use.

THIS COUPON ANSWERED WITHIN 24 HOURS --

ROLSCREEN CO., Dept. PC-3, PELLA, IOWA Please mail color pictures of PELLA WOOD FOLDING DOORS.

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ADDRESS CITY & ZONE

PELLA MAKES QUALITY WOOD WINDOWS, WO FOLDING DOORS AND PARTITIONS, WOOD SLIDI GLASS DOORS AND ROLSCREENS

Selling a House

(continued from page 16)

soft, gay stereo flowing from room to room. You'll have every chair and pillow and ash tray in precisely the right place. After all, at this party you don't have any food or drink to worry about. You have all the time in the world to turn each room into a page out of a decorating magazine. And you can be as deliriously impractical as any art director. Juggle everything around that isn't nailed to the floornever mind if it "works," if it looks more graceful or colorful in that spot. Fuss over the curve of a rose stem, the color of a magazine cover.

Set up a doll's tea party on your little girl's bed or a still life of fruits on the kitchen table. Stick something good-smelling in the oven; accidentally spill a little perfume in the bedroom. And don't forget to show your house in its best light. If it sparkles in the morning sun, schedule the showing from ten to one. If the glow of the afternoon is kinder to your old slip covers, make it from two to five.

Who are you trying to fool with all this daffy, feminine hocus-pocus? Nobody. Certainly not the brokers. Not for one minute will your flowers and hi-fi distract these sharp-eyed pros from your plumbing and plaster. But brokers are people too. And they know that if they enjoy being in your home, their customers will too. Send the brokers away smiling and chances are they'll be back with a customer in five minutes.

Incidentally, at this party your hostess duties are absurdly simple. Say hello and goodby-and in between, disappear. You've done your work (wasn't it easy?). Let the house speak for itself. Nobody needs to be told that this is the dining room and this is the kitchen. Nobody wants to hear how handy the broom closet is and what a "happy house" it's been. Curl up with a book. Go pick daisies. Smile hello and goodby, and don't worry-they'll call you.

AFGHAN KIT ORDER FORM

(pictured in color on page 36)

THE AMERICAN HOME MA	
Please send me the following which I enclose \$	

_Swedish	Stripe	Mohair	Kit,	#AYW-
107 \$17				

Kitten's Ear Afghan Kit, #AYW-106, \$12.98

Circle color desired:

Blue and white; Pink and rose; Light and dark green.

Color catalogue of best selling American Home Kits, 20¢

PRINT NAME

PRINT ADDRESS

CITY

ZIP CODE

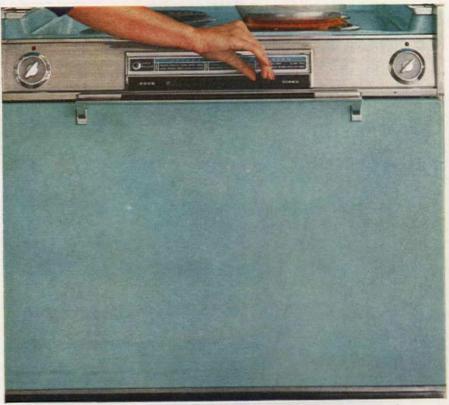
General Electric introduces P-7, the oven that cleans itself electrically



Don't touch this dirty oven ...



it cleans itself electrically.



just set the dials, latch the door...



P-7 comes on the master oven of Americana range (left) and on Custom range (right). Also on Americana without exhaust hood.

Those illustrations up there are not a trick. You don't use any cleanser. No liquids, no pastes, no fumes, no nothing.

All you do is set your selector dial to "CLEAN," set your thermostat to "CLEAN," and set the timer. Then you latch the oven door. That's all.

P-7 takes over. The same electricity that cooks your food cleans up the spatter and mess completely. Within 2 to 3 hours, all those crusted-on pie juices, cheese spillings, roast

drippings just disappear, leaving your oven new-clean. Even in the ridges and between the coils, where you and "easy-cleaning pastes" and stuff could never clean before.

All that's left of the dirt is a trace of fine, white ash on the oven floor, about as much

GENERAL & ELECTRIC

as one flick from a cigarette.

Operating cost? Far less than the ovencleaners you now use.

Incidentally, this wonderful-cooking oven stays extra cool. (And, because it's electric, it's

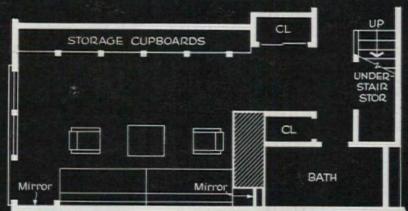
flameless cooking!)
P-7 is by General Electric and only by
General Electric. And your G-E dealer is listed
in the Yellow Pages of your telephone book.
Need we say more?

THREE GOOD DETAILS

The first thing to do if you want results like this is to find a good designer who has imagination and good taste. Mr. and Mrs. Ernest Silva of Lloyd Harbor, New York, found one in John Bachstein, A.I.D. They commissioned him to take the unfinished lower level of their home and turn it into something more than just another place littered with toys and other things. They wanted storage space for all the usual items that are always underfoot, yet they wanted style too. All this, of course, in a narrow space filled with posts, heating ducts, and electric wires. The playroom seen here is the result and includes a clever use of mirrors, interesting cabinets, and an under-stair storage space.

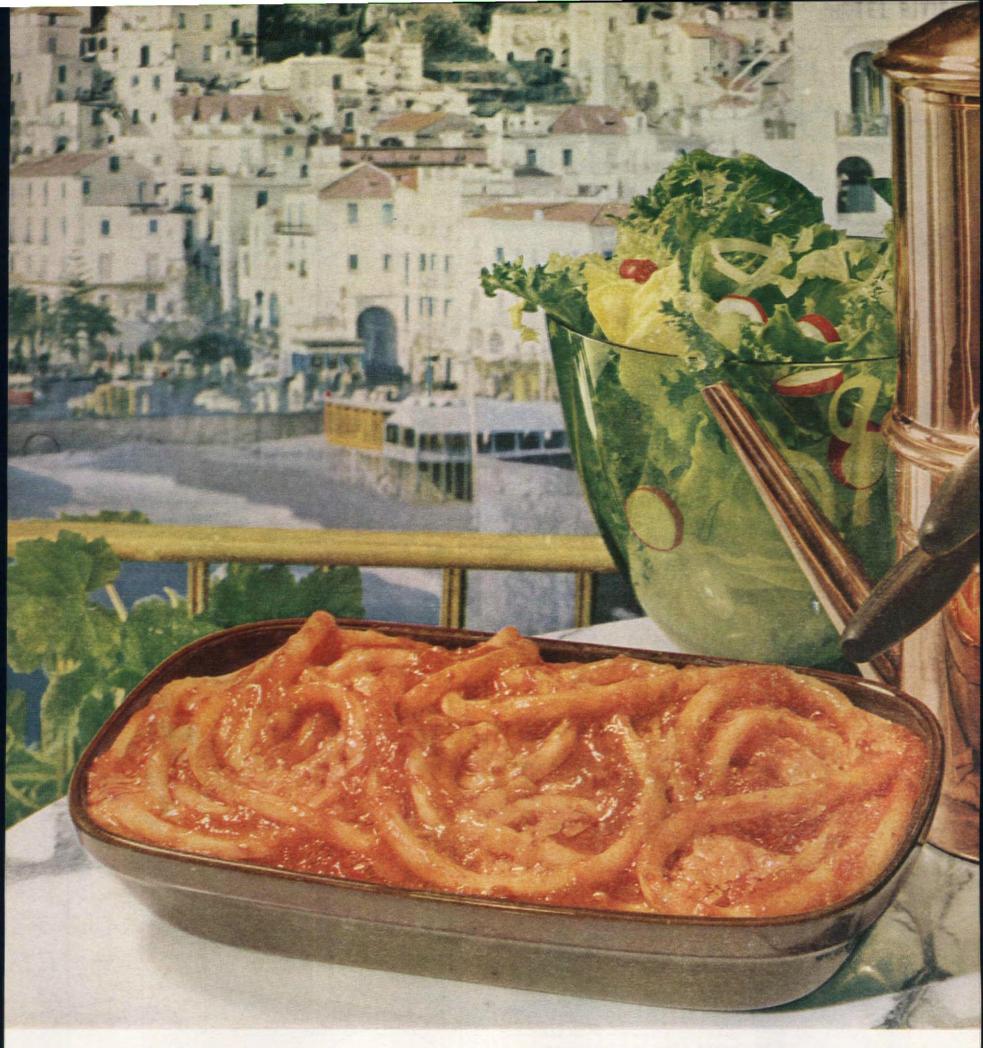
(continued)





The lower levels of most homes are plagued with supporting posts that divide the area into two narrow spaces. Here, the posts were used to advantage as an element of design and were emphasized by the installation of accent strips in the floor tile. To help create the feeling of more space in a relatively narrow room, storage cabinets were built behind the posts and plate glass mirrors were installed at the ceiling line and at two other locations as shown on the plan at the left.





Authentic meat sauce turns anything into an Italian meal.

•E] Macaroni Casserole Italiana [G-1 (8-oz.) package macaroni 1 (15½-oz.) can Chef Boy-Ar-Dee Spaghetti Sauce with Meat • ¾ cup grated cheddar cheese

Start oven 400° F. Cook macaroni according to package directions. Drain. Put half the macaroni in bottom medium-size casserole. Top with half the spaghetti sauce. Sprinkle half the cheese on top of sauce. Repeat layers ending with cheese. Bake 30 minutes. Makes 4 servings.

Just pouring from the can shows how smooth slow simmering has made this sauce. Stir. It's thick with tender beef. Enjoy the tang of tomatoes and spices even as it heats. Chef Boy-Ar-Dee Spaghetti Sauce with Meat is made from a recipe handed down for generations. So are the other sauces... Sauce with Meat Balls or Mushrooms. See how they add zest to your meals.







messy back-up in your septic tank or cesspool. RID-X® works to keep your sewage system operating smoothly. Helps prevent messy back-ups and foul odors. RID-X can save you HUNDREDS of dollars on digging, pumping,

EASY TO USE - just pour in toilet bowl and flush. That's all. RID-X can't harm porcelain, metal pipes.

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Winter Dryness can be DANGEROUS to your family's health!

Protect their health with a Skuttle

drumatic HUMIDIFIER

Winter dryness in your home is one of the frequent causes of colds, sinus conditions and bronchial trouble. Now, you can eliminate winter dryness by installing Skuttle's new DRUMATIC humidifier in your furnace. Set the Honeywell humidistat for the desired degree of humidity and relax in a healthier, more comfortable atmosphere.

Besides being dangerous to your family's health, dry air causes static electricity in your home; the joints of furniture dry out

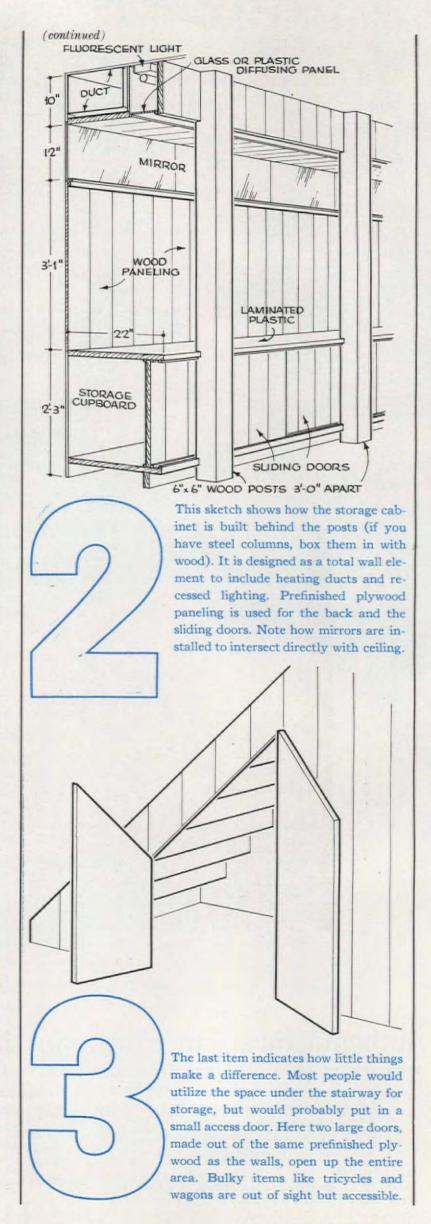


health, dry air causes static electricity in your home; the joints of furniture dry out and crack, and carpeting and drapes become brittle and wear more rapidly. Your fuel bill is higher because dry air requires a higher temperature setting for comfort. The unique operating principle of the DRUMATIC humidifier affords quiet, trouble-free, positive humidification with the highest output at the lowest operating cost . . . LESS THAN ½c PER DAY! Your furnace dealer will be glad to demonstrate the DRIIMATIC dealer will be glad to demonstrate the DRUMATIC humidifier; call or see him today! Skuttle manufactures DRUMATIC humidifiers for every size home with capacities up to seven gallons per hour.



Send 25 Cents for this THE AIR WE BREATHE' by Dr. Everett

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	25c for the booklet, "The Air We Breathe".
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-ever in a ready-to-eat cereal!



Lazy proteins can't build your body.



Useful proteins can.

Life's protein is 100% as useful as the protein in meat and milk. Sweet,





MOST USEFUL PROTEIN





oat bits with sugar crystals locked inside . . . you'll love Life.



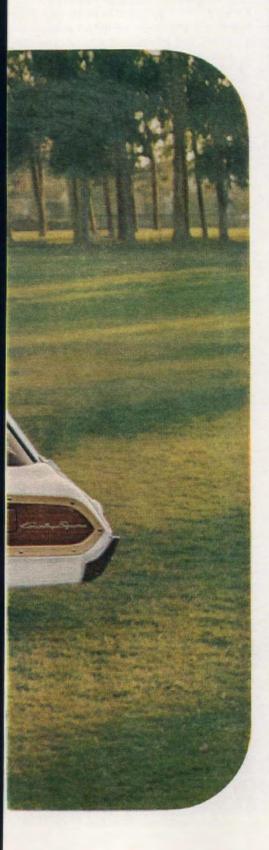


More brawn in the body puts more life in today's Ford Motor



Here's a car built to support any population explosion. And still stay in top form. It's a 1964 Ford Country Squire looking young all over.

Company cars.



Young bodies grow strong with exercise. But a car body has to be born rugged. Especially with a flock of husky youngsters in the family.

How long a life your car body has depends on how solidly it's built. If it's not strong—wear and tear, squeaks and rattles. That's why Ford Motor Company gives you so much extra reinforcing.

Take the roof those youngsters are perched on. Three separate steel braces make it super-solid to sit on (or ride under). And those doors are built like a safe. They are steel both inside and out. That means stronger, safer, quieter doors. Underneath, too, extra heavy construction keeps the body more solid and silent, even over twisting washboard roads.

But more life is built into Ford Motor Company cars wherever you look. In every Ford, Mercury, Thunderbird and Lincoln Continental, the upholstery is more durable. Rust protection is greater. New electrical systems last far longer.

It's all part of a plan by Ford Motor Company to give you the best-built cars on the American Road. A plan where engineering designs the quality for the car. Manufacturing precision puts it there. And severe testing sees that it stays there. (Last year durability tests at Ford Motor Company added up to 14 million miles).

See the new 1964 models at your Ford or Lincoln-Mercury dealer's. Take a revelation ride. Your dealer will be happy to show you all the ways there's more life built into cars by Ford Motor Company.

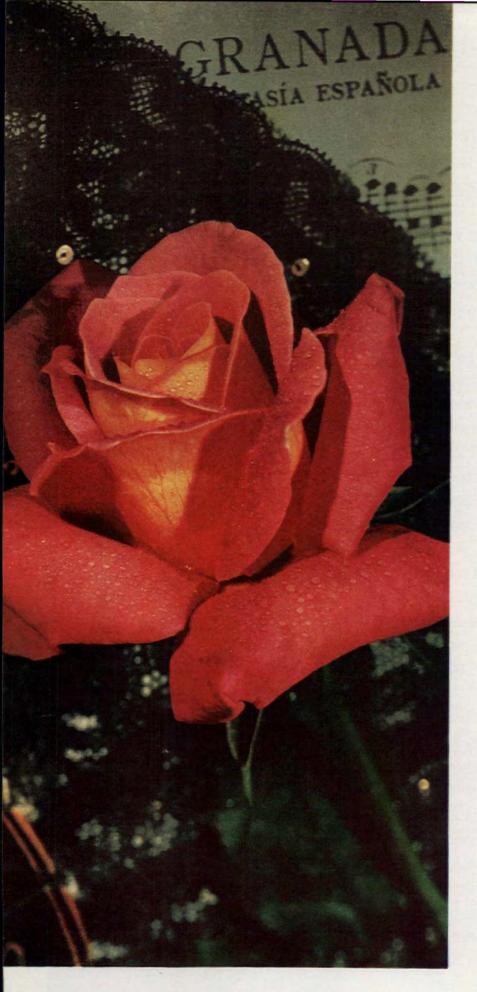
FORD · MERCURY
THUNDERBIRD
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There's more life built into cars by Ford Motor Company



Strong double-panel steel and heavy-duty hinges keep doors on Ford Motor Company cars tight—help prevent rattles.



All-America Sings the Glory of GRANADA

1964 All-America Rose Selections Award AN ORIGINATION OF HOWARDS OF HEMET, CALIF.



New Flowers

(continued from page 11)

a marked improvement over all other small-flowered dwarf varieties. The new cockscomb or celosia 'Fireglow' produces enormous heads and is a brighter red, less purplish color than any of its predecessors. 'Evening Glow' salvia is a striking blend of old rose and coral.

Several other new zinnias will make their debuts this year. 'Princess,' a light salmon pink and 'Zenith All Colors Mixed' are of the same 'Zenith' class as the AAS winner 'Bonanza.'



Zinnia 'Pinwheel'

'Pinwheel' has big, heavily petaled flowers in a host of striking, twocolor combinations. 'Red Lady' has smaller, scabiosalike flowers of vivid orange scarlet.

New marigolds include 'Geraldine,' pictured on page 11, and 'Texas,' a lighter yellow variety of the same type. 'Doubloon,' lemon yellow; 'Sovereign,' brilliant gold; and 'Double Eagle,' light orange, are large, extra heavily petaled varieties. 'Dolly' is a giant-flowered dwarf with 3½-inch yellow flowers on 12-inch plants. 'Sparky' is a French marigold with 2½-inch yellow-to-red flowers on 14-inch plants. 'Irish Lace' is an 8-inch dwarf that's grown for its rich green, lacy foliage as an edging plant—its flowers are inconsequential.

Bachelor button or cornflower 'Pink Julep,' shown on page 11, is a gay concoction of pinks, reds, and whites, but includes no familiar blues.

In petunias, two new all-double multiflora varieties are 'Strawberry Tart,' red and white; and 'Peppermint,' lavender pink with darker veining. The weather-resistant 'Dandy' multiflora series has been extended this year to include blue, indigo, rose, white, and yellow varieties. The new miniature multiflora 'Heart Throb' is pictured on page 11.

New snapdragons are 'Firebird,' pure red and yellow; and 'Topper,' a rust-resistant strain that includes orange scarlet and clear lavender as well as the familiar snapdragon colors.

New 'Bijou' dwarf sweetpeas include 'Catalina,' amethyst and white; 'Pinkette,' salmon pink; 'Rosette,' deep rose; 'Scarlette,' scarlet cerise; and 'White Pearl,' pure white. 'Fireglo' is a new, taller growing variety of clear scarlet.

A new gloriosa daisy is 'Pinwheel,' which has 5-inch, mahogany and gold flowers and grows $2\frac{1}{2}$ feet tall.



Gloriosa daisy 'Pinwheel'

A new group of gaillardias, the 'Lollipop' series, includes 'Raspberry Red,' 'Butterscotch Bronze,' and 'Lemon Delight.' They have 2-inch flowers and grow 10 to 15 inches high.

'Powderpuff' hollyhock grows only about 4 feet high but has large, full flowers of rose, pink, yellow, scarlet, lavender, and white.



Gaillardia 'Lollipop'

Shorter growing than the All-America variety 'Evening Glow,' salvia 'Snow Tips' has 12-inch plants and combines scarlet, pink, and white.

A new low-growing carnation called 'Dwarf Fragrance' comes in a mixture of white, pink, salmon, cerise, and deep red. It grows 12 to 14 inches high and is richly fragrant.

Verbena 'Candy Stripe,' pictured on page 11, is one of the showiest verbenas yet introduced.

Some new annuals and tender perennials that flower the first year from seed are delphinium 'Casa Blanca,' a white belladonna type; nasturtium 'Cherry Scarlet,' brilliant red; columbine 'Dragonfly,' in mixed colors; dwarf dahlia 'Elite Hybrids,' mixed; and nicotiana 'Lime Sherbet,' with lime green flowers an inch across and 2 inches long.

NEW PERENNIALS

Four new garden chrysanthemums in the 'Bird' series are to be introduced this year. They (continued)



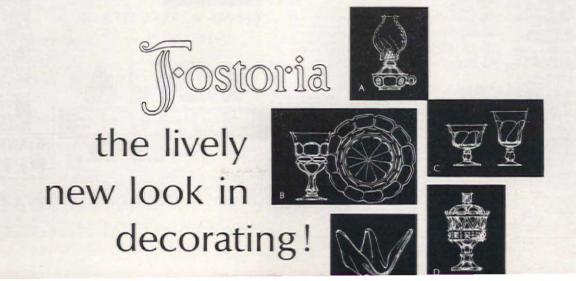
Chrysanthemum 'Flamingo'



Photo: American pattern. Sketches below: A-Coin, B-Argus, C-Jamestown, D-Crown, E-Sculpture

What's Fostoria doing in the decorating picture? Glowing. Just glowing! Take it away and what've you got—pretty colors, pretty fabrics, pretty furniture. Put it back—zing! Life, warmth, excitement. And great decoration—the kind that's talked about, seldom achieved. Try it . . . turn your fancy free. You'll dream up the most marvelous things*—all perfectly at home with any mood, any decor. That's the joy of decorating with Fostoria. And the beauty. Remember, too—Fostoria is made by hand in America; every current Fostoria pattern is available through finer stores everywhere. Exquisite handblown crystal for full dress, and durable handmolded for taste every day. Inspired: have both!

*If you'd like a hand, send 25c for Fostoria's interior-designer booklet, "Creative Decorating with Crystal." 50 colorful ideas! Fostoria Glass Co., Dept A-4A, Moundsville, W. Va.





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Here it is . . . a heavenly Red Regonia . . . the variety that
blooms indoors with a myriad of exquisite full size Red
flowers that cascade all over the hanging garden into a living
"falle" of vivid red color, enhanced by a background of
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tuber plus a large 8" x 4" hanging wire basket with soft airy
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prices for our members. * To join simply fill out and mail coupon below with only 25c. Your BEGONIA HANGING BASKET will be sent to you immediately. • Each month you'll receive the interesting Garden News magazine in full color announcing the following month's selection. Selections matching the seasons are jacked by our experts from rare and interesting stock gathered from all over the world. There's no need to order the monthly selections as they'll be shipped to you automatically. Or, if you do not desire a month's selection, merely return the reject form furnished. TRIAL MEMBERSHIP APPLICATION -

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▶Ye	our N	ame.							E-21
Ac	ldress							****	*****
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Address

have flowers about (continued) 5 inches across and grow about 2 feet high. 'Flycatcher' is reddish bronze with yellow center; 'Dove,' white with cream center; 'Osprey,' bronze red; and 'Flamingo,' rose pink.

In the 'Miracle' mum series, which has corsage-type blooms 5 to 7 inches across, three new varieties are 'Crimson Glow,' rosy pink with crimson center; 'Prima Ballerina,' white with yellow center; and 'Pink Pearl,' silvery pink with rose pink center.

Two new low-growing mums from the University of Minnesota will be offered by Midwest nurseries: 'Goldstrike,' bright yellow, 15 to 18 inches high; 'Zonta,' apricot bronze, 18 to 21 inches high. Both have 2-inch flowers.

Rudbeckia 'Robert Bloom' has large flowers of red with orange centers and grows 30 to 36 inches high.

Two new cultivated goldenrods are 'Peter Pan,' lemon yellow, 30 inches high, July-August flowering; and 'Golden Mosa,' soft yellow, 36 inches high, August-September flowering.

New summer bulbs and fleshyrooted plants include canna 'Cleopatra,' pictured on page 11; a hardy white calla lily named 'Crowborough'; and Crocosmia masonorum, which has orange freesialike flowers.

Five new Allwood garden pinks or dianthus are 'Blanche,' pure white; 'Doris,' salmon pink with darker eye; 'Helen,' deep salmon; 'Ian,' deep red; and 'Robin,' vermilion and orange.



Calla 'Crowborough'

A new violet, aptly called 'Semperflorens,' flowers from spring until fall. It's a rich purple color and fragrant.

A miniature waterlily for small pools and aquariums is 'Margaret Mary.' Flowers are 2 inches across, blue with yellow centers. The leaves are about 3 inches across.

NEW ROSES

The two pre-eminent roses for 1964 are 'Granada' and 'Saratoga,' which won the All-America Rose Selections award after two-year trials in all parts of the country. 'Granada' is a hybrid tea that combines blazing red, pink, and yellow; 'Saratoga' is a pure white floribunda.

Other outstanding hybrid tea varieties, the kind with beautifully shaped, long-stemmed flowers, include three new reds: 'World's Fair Salute,' deep, velvety red; 'Crimson Duke,' bright crimson; and 'Grand Slam,' an extralarge, dark red. Among the new pink



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hybrid teas are 'Swarthmore,' a twotoned deep pink or rose red; 'Lively,'



Hybrid tea rose 'Golden Lustre'

dark pink; and 'Eiffel Tower,' pastel pink. 'Golden Lustre' combines golden yellow with bronze apricot. 'Sincera' has beautifully shaped, heavily petaled blooms of pure white. Three differently colored hybrid teas are 'Candy



Hybrid tea rose 'Candy Stripe'

Stripe,' pink and white; 'Traviata,' red and cream white; and 'Lavender Charm,' deep lavender.

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New floribunda roses, the clusterflowered types which make such a brilliant show in the garden, include



Floribunda rose 'Olé

a bright vermilion red called 'Olé' and a scarlet red named 'Evelyn Fison.' 'Sweet and Low' is dark pink with silvery reverse; 'Snow Fairy' is pure white; 'Circus Parade' combines red, orange, buff, and yellow; 'Bonnie Pink' is an intense, rich pink; and 'Lilac Dawn' is bright lavender pink.

In climbing roses and similar types, four new varieties are especially noteworthy: 'Joseph's Coat,' pictured on page 11, can be grown as a climber, pillar, or large shrub; 'Pillar of Fire' is bright coral red and grows to about 8 feet: 'Coralita' is coral orange and can be trained as a climber or as a pillar; and 'Clair Matin' is a clear light pink that makes 10- to 12-foot canes.

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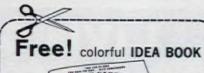


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A Superior Moleskin

(continued)

'Emerald Queen,' it grows much faster than the regular type and has darker green, heavier-textured leaves.



Norway maple 'Emerald Queen'

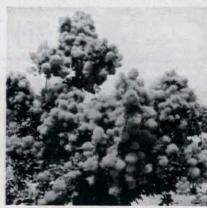
Several small-growing trees are being introduced this year from various parts of the world. Among them are golden desert ash (Fraxinus oxycarpa aurea), mimosa-leaved locust



Golden desert ash

(Robinia pseudoacacia mimosaefolia), Amur birdcherry (Prunus maacki), 'Tailored' bungeana ash (Fraxinus bungeana 'Tailored'), weeping Siberian pea (Caragana arborescens pendula), purpleleaf catalpa (Catalpa hybrida purpurea), Crataegus grignonensis, and golden coliseum maple (Acer cappadocicum aureum).

Among the new shrubs to appear this year is a compact, pink-flowered form of the smoke bush (Cotinus



Smoke bush 'Pink Fairu'

coggygria) called 'Pink Fairy.' A new flowering quince (chaenomeles or cydonia) is 'Pink Lady.' A new hydrangea called 'Silver Variegated' has deep green, silver-edged leaves.

NEW FRUITS

A new nectarine called 'Stark Delicious' has fine-flavored, brilliant redand-gold fruit, plus attractive pink



Nectarine 'Stark Delicious'

flowers in spring. 'Regent' apple, originated at the University of Minnesota, has a bright red color, crisp texture, and excellent flavor. 'Hybrid Early,' a new watermelon for northern gardens, has bright red, extra-sweet flesh and tiny black seeds. A new everbearing strawberry is 'Ozark Beauty,' with large, bright red fruits of deliciously sweet flavor.

NEW VEGETABLES

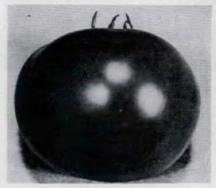
The only All-America Selections vegetables for this year are two varieties of broccoli-'Cleopatra' and 'Ze-



Broccoli 'Cleopatra'

nith.' Both are early maturing, vigorous growing, well-formed, and of superior flavor.

New tomatoes are 'Henry Field,' of medium size and almost perfectly ball-shaped; and 'Delicious,' with



Tomato 'Henry Field'

large fruits that usually weigh about a pound and may reach two pounds!

A new, king-size pumpkin is 'Big Max,' which measures up to 70 inches in circumference and weighs 100 pounds or more when given plenty of fertilizer, water, and wide spacing. A new, medium-size, well-shaped variety, bred specially for jack-o'-lanterns, is named 'Halloween.'

'Prizetaker' is a new pole lima bean with individual beans two to three times as large as most varieties. A new cucumber is 'Tabletreat,' which averages 8 to 81/2 inches long and 2 to 21/4 inches in diameter. 'Burgundy' is a



Pumpkin 'Big Max.

1964 Swiss chard with brilliant red stems and deep maroon leaves.

WHERE TO OBTAIN THEM

Most garden stores carry All-America Selections varieties. Principal sources of other new items are: Armstrong Nurseries, Ontario, Calif.: roses 'Grand Slam,' 'Ole,' 'Circus Parade,' 'Lilac Dawn,' 'Joseph's Coat.' Burpee Seeds, Philadelphia, Pa.: zinnias 'Princess,' 'Zenith'; marigolds 'Geraldine,' 'Texas'; snapdragon 'Topper'; 'Bijou' sweetpeas; gloriosa daisy 'Pinwheel'; tomato 'Delicious'; pumpkin 'Big Max'; lima bean 'Prizetaker.' Conard-Pyle, West Grove, Pa.: roses 'Crimson Duke,' 'Sincera,' 'Candy Stripe,' 'Traviata,' 'Snow Fairy,' 'Pillar of Fire,' 'Clair Matin,' 'Swarthmore,' 'Lively,' 'Eiffel Tower.' Emlong Nurseries, Stevensville, Mich.: smoke bush 'Pink Fairy.' Farmer Seed, Faribault, Minn.: watermelon 'Hybrid Early'; pumpkin 'Halloween'; Swiss

chard 'Burgundy.' Ferry-Morse, Mountain View, Calif.: cucumber 'Table Treat.' Henry Field Co., Shenandoah, Ia .: carnation 'Dwarf Fragrance'; Norway maple 'Emerald Queen'; tomato 'Henry Field.' Jackson and Perkins, Newark, N.Y.: Bird chrysanthemums, roses 'World's Fair Salute,' 'Golden Lustre,' 'Lavender Charm,' 'Evelyn Fison,' 'Bonnie Pink,' 'Coralita'; violet 'Semperflorens.' Mandeville-King, Rochester, N.Y.: zinnia 'Pinwheel.' Northrup-King, Minneapolis, Minn.: bachelor button 'Pink Julep.' G. W. Park, Greenwood, S.C.: zinnia 'Red Lady'; marigolds 'Dolly,' 'Sparky,' 'Irish Lace'; petunias 'Strawberry Tart,' 'Peppermint,' 'Heart Throb'; snapdragon 'Firebird'; Lollipop gaillardias; hollyhock 'Powderpuff'; salvia 'Snow Tips'; verbena 'Candy Stripe'; nicotiana 'Lime Sherbet'; canna 'Cleopatra.' E. H. Scanlon, Olmstead Falls, Ohio: small-growing trees. Stark Brothers, Louisiana, Mo.: nectarine 'Stark Delicious.' Stern's Nurseries. Geneva, N.Y.: Miracle mums. Three Springs Fisheries, Lilypons, Md.: waterlily 'Margaret Mary.' Wayside Gardens, Mentor, Ohio: rudbeckia 'Robert Bloom'; goldenrods 'Peter Pan,' 'Golden Mosa'; calla lily 'Crowborough'; Crocosmia masonorum; Allwood pinks; quince 'Pink Lady'; hydrangea 'Silver Variegated'; strawberry 'Ozark Beauty.' Melvin E. Wyant, Mentor, Ohio: rose 'Sweet and Low.'

A bigger and BETTER awards program

The American Home proudly announces an enlargement of its long-respected builders' competition into a more ambitious awards program. The American Institute of Architects, which represents most U.S. architects; House and Home, the outstanding building-trade publication; and The American Home are co-sponsors of this awards program known as "Homes for Better Living."

The purpose of this new program is to stimulate competition among U.S. builders and architects. It will also enable *The American Home* to present its readers with a greater variety of the latest and best designs of both builder and custom homes and even garden apartments. Awards will be made on the basis of outstanding contributions to better living through residential design, site planning, and construction. Eminent architects, housing industry leaders, and the editors of *The American Home* and House and Home will judge the entries. The award winners will be announced at the annual convention of the American Institute of Architects and the Annual Home Builders Show.

Entries may be submitted by any home owner, builder, or architect, so if you think you have a winner that merits an award and national publicity, get your application blank and submit your entry before January 26, 1964. To qualify, the house or garden apartment must have been designed by a registered architect and built and completed in any of the 50 states since January 1, 1961. Obtain your application blank by writing to: Homes for Better Living, c/o *The American Home*, 666 Fifth Avenue, New York, N.Y. 10019.

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STANLEY SCHULER

HOUSE CLEANERS TO THE RESCUE

If you're like most homemakers of today, you probably have great difficulty in finding a once-a-week cleaning woman or someone to help occasionally with particularly difficult household chores.

Although appliance engineers and chemists have come up with many new products to make house cleaning much easier than in the past, there are still occasions when outside help is necessary. For special occasions, heavy spring and fall house cleaning, when illness keeps the homemaker from doing tedious cleaning jobs, when the wife is working outside the home, or when families are helping

aged parents who live alone, it is sometimes important to pay for the convenience and competence of a professional cleaning service.

Many cleaning services are available through the classified directory. None are cheap but (using first-class equipment and heavy-duty tools) they do their job fast and well.

Complete house cleaning. Newest of the services—though in some cities it dates back about 20 years—is the complete house-cleaning service performed by crews of men (and sometimes women) who come in and give your house a thorough cleaning. Most of these operations are small, with only a handful of workers; but a few are huge. In any case, they usually offer two types of service.

Special one-time services provided on about a week's notice, if the firm is not solidly booked up, may cover anything from moving furniture, dusting moldings, washing walls, or cleaning windows, to giving a house a basement-to-attic cleaning that takes up to three days.

The cost depends on the duration and difficulty of the job. To clean up soot and smoke that penetrates every corner of a house when an oil burner backfires may run as high as \$1000.

Scheduled cleaning services are those provided regular customers usually on a biweekly basis but sometimes weekly or monthly. More and more house cleaners are trying—with considerable success—to sell this arrangement. Here's how it works in the case of one very large service:

At the outset, when you telephone to arrange for the service, you tell the salesgirl how large your house is, what cleaning chores you want done, and on what days. She then quotes a firm price and sets up the schedule; except for letting the cleaning crew into your house, giving them any special instructions, and handing them your check, your housework is done.

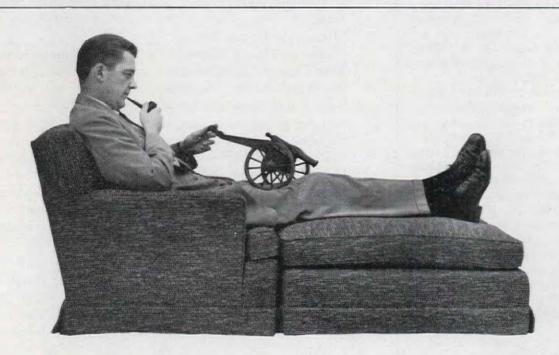
The cost of cleaning an average six-room house every two weeks is \$20. Weekly cleaning costs slightly less per visit; monthly a bit more.

How well a cleaning service cleans your house depends primarily on the training, experience, and interest of the crew members. These are things you obviously cannot get reliable advance information about. But if the work proves unsatisfactory, you can cancel any scheduled service on about three days' notice.

A well-run service has many advantages. For instance, once you contract for a specific amount of cleaning at a specific time on a specific day, you don't have to worry about its being done. You don't have to pay for lunch, carfare, social security, and insurance as you do if you employ a cleaning woman. And you don't have to load a closet with cleaning supplies and equipment since the crews bring their own along.

One additional advantage of a cleaning service is that they are able to do practically any kind of house-cleaning job. However, you are likely to get somewhat better results from firms that specialize in cleaning operations like the following:

Window cleaning. This is an extremely dangerous job and requires much more training than you might suspect. Many men in the business are unionized. (continued on page 104)



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HOW IS YOUR HOUSE HUMIDITY?

Each winter when you turn on the heat you disturb the natural balance of humidity in the air. The natural atmosphere is never completely dried out, yet the winter air in many homes becomes drier than the Sahara Desert. As a matter of fact, the Sahara averages 25 per cent humidity while some modern-day homes average 10 per cent or less! This dryness can have an ill effect on the house as well as its occupants.

On the other hand, there are certain conditions existing in the home during the winter months that can produce just the opposite effect—too much moisture in the air—which can be just as serious.

There are various ways to determine whether your house humidity is at a healthy level. You can measure humidity with an instrument called a hygrometer. It's a relatively inexpensive item and can prove to be one of your best investments in health and homemaintenance. Lacking a hygrometer, you can still determine whether the humidity level is too low or too high by checking the following symptoms: The humidity is too low if-furniture joints open and veneer splits or peels, ceiling or floor moldings shrink or pull away, floors constantly creak, doors and windows fit loosely or rattle constantly, book bindings crack, or house plants wilt and require excessive water. It's also too low if static electrical sparks are common, your nose and throat are constantly dry, the family seems to get colds more frequently and the family has a tendency toward shivering even with the thermostat set high.

Unless moisture is added when cold air is heated to room temperature, the warmed air will end up having a much lower relative humidity. This is why your heating system, no matter what type, is usually guilty of creating a dry, low humidity condition in the house. The remedy, of course, is to add moisture to the air. If you have a warm-air heating system it's easily done by installing a humidifier on the main hot-air duct or the furnace plenum. With hot-water or steam systems, hanging evaporator pans on the radiators will accomplish the desired result. The best solution, however, is to purchase one of the new automatic room humidifiers.

The humidity is too high if—water spots appear on ceilings and interior wall surfaces, floorboards warp and cup, doors and drawers stick, windows steam up, moisture forms on basement sidewalls and floor, or water pipes sweat. It's also too high if appliances rust, leather mildews, bath towels remain damp, and room air feels sticky.

Excess humidity can often be caused by moisture entering wall spaces and attics through construction defects such as roof leaks, defective masonry joints, defective flashings, clogged gutters, leaking basement walls, or damp crawl spaces not covered by a vapor barrier. In all these cases the remedy is obvious.

Other, more common sources of excess moisture in the home that can be just as destructive are laundering in open tubs, drying clothes indoors or using a dryer that's not vented to the outdoors, cooking and boiling water in open pots, taking hot showers, and other household functions that involve the use of hot water. Cutting down on these activities is a solution that's not always quite practical. However, you can get rid of this excess moisture simply by keeping

windows opened slightly wherever these activities take place in your home. The use of kitchen and bathroom exhaust fans to get rid of excess moisture is the best solution.

Whether your problem is high humidity or low humidity, don't ever underestimate its effect on you or your house. Check it today and make your home a healthier place to live in.

Decorate to suit your mood...





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TURINE

(continued from page 102)

The most important thing to make sure of in hiring a window cleaner is that he is fully insured against accidents to himself and his men. One suburban homemaker who neglected to do this is now being sued for \$100,-000 by an uninsured window cleaner who fell off a ladder on her property.

Cost of window cleaning varies with the window size. A union crew in one metropolitan area charges 75c to wash an average 12-light (approximately 3x4') window inside and out. Larger windows cost more and storm and combination windows cost extra.

Rug and carpet cleaning. Rugs and carpets cleaned by professionals can often come out "looking like new," as these men are trained to handle special problem spots which you cannot remove yourself.

Most cleaners prefer to clean rugs in their shops because they feel they get somewhat better results, particularly on rugs that are old or worn. However, the job usually takes a few days longer than when done in the home. An extra charge of a couple of cents a square foot may be made for moving furniture, rolling up the rug, and re-laying it.

If rugs and carpets are cleaned on the floor, the cost is from 9c to 12c a square foot-roughly \$10 for a 9x12' rug. You can walk on them within about 24 hours.

Many rug and carpet cleaners also clean upholstered furniture, but beware the fellow who guarantees perfect results without inspecting the furniture beforehand.

Charges run about \$10 for a big chair, \$18 for a love seat, \$23 for a sofa, \$1 extra for fringe on a chair or sofa, \$1 for each extra cushion. Generally, this work is done in your house.

Floor waxing. Even though you have an electric floor polisher, it may pay occasionally to have a professional work on your floors. His special equipment can accomplish wonders.

Waxers charge about \$5 an hour to wash the floor, remove excess wax, apply new wax, and polish.

Venetian-blind cleaning. When Vene-

tian blinds get to that hopeless stage of dinginess, you may find that a Venetian-blind cleaning service (which is probably connected with a Venetianblind retail shop) is a lifesaver.

Cost of cleaning a 3x3' blind is \$1.50. Replacement of tapes and cords, if requested, is extra. The job. which must be done in the cleaner's establishment, takes about 24 hours.

For rare problems. To clean marble and restore its sheen, call in a marble dealer or finisher.

To clean badly stained stone, brick, and other masonry surfaces which do not respond to any other treatment, you may want to hire a building cleaning contractor with sandblasting and steam-cleaning equipment. Be warned, however, that his charge is high and the mess he makes during the cleaning process may seem worse than the stains to be removed. THE END



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Books (continued from page 38)

including deportment at home and in the car, sitting, leash walking, seeking and retrieving, games, and relationships with other animals. A worthwhile guide for all dog owners. Written by H. V. Beamish; illustrated by Shelly Fink. 267 pages. New York, Sheridan House, Inc. \$4.95.

TREASURY OF WINE AND WINE COOKERY is a complete guide to the use of wine in the home. In addition to hundreds of recipes for both foods and beverages, it includes tips on wine buying, glassware, choosing appropriate wines to complement various foods, temperatures for serving, and the care and storing of wines. Helpful to both host and hostess, beginner and expert. Written by Greyton H. Taylor. 265 pages. New York, Harper & Row. \$5.95.

PLYWOOD WORKING FOR EVERYBODY offers building instructions, complete with working drawings, for more than 60 attractive projects. It explains plywood and how to choose the proper types for various purposes, how to set up a workshop, equipment needed, including an evaluation of the latest power tools, and all the processes of plywood working and finishes. Projects include items as useful as a wall-storage unit, as imaginative as a children's space ship. Written by John G. Shea. 205 pages. Princeton, New Jersey, D. Van Nostrand Company, Inc. \$7.95.

Booklets (continued from page 38)

planning your grounds and garden, proper tools and materials, and building terraces and walls. Send 25c to Dept. AH, Jacobsen Lawn and Garden Information Bureau, Jacobsen Manufacturing Co., 1721 Packard Ave., Racine, Wis.

MAGIC TOWEL is an unusual booklet designed especially to help mothers convince their children that taking baths can be fun! Humorous rhymes and full-page color illustrations tell the story of Oliver, a little boy who hated baths until he discovered the "magic towel." Written by Margaret Fishback: illustrated by Irene Trivas. Free from Dept. AH, Wellington Sears Co., 111 West 40th St., New York 18, N.Y.

MONEY MANAGEMENT. YOUR HOME FURNISHING DOLLAR, will help you follow the important basics of good design, color, furniture arrangement and long-range planning when decorating a new home. or face-lifting the old. This booklet also includes up-to-date charts on all these preparations and how to's on managing decorating expenses and following buying guides. Send 15c to Dept. AH, Money Management Institute of Household Finance Corp., Prudential Plaza, Chicago, Ill. THE END



No towel touches your dishes with a Frigidaire Dishwasher. A Frigidaire Dishwasher can

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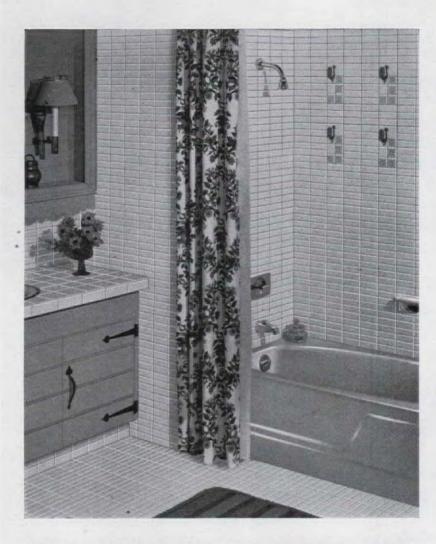
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Enclosed is 10¢. Pleas With Ceramic T	ase send me your bookle ile."	et, "New Decorating
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If Your Heating System Quits (continued from page 76)

Two controls should be examined and cleaned—the electrodes and the nozzle. Be sure all emergency switches are off before doing this job. Unscrew the access plate or transformer, whichever lets you reach inside the motor. With a wrench, unscrew the oil-line connection. Disconnect the transformer-to-electrode wires. These are usually simple snap-on connections. Slide the electrode-nozzle assembly from the motor. Unscrew the nozzle if you can and wash it in warm water. Be careful not to upset the electrode setting. Never use a sharp metal object to clean this part—you could damage it permanently. Carefully clean off the electrodes with a rag or steel wool, making sure you don't upset the setting. Now, reassemble the part and put it back in the motor. Turn on emergency switches, press stack control relay, and see what happens. If you have a rotary-type burner, it has no nozzle. Reach in with a rag and wipe electrodes clean. But be sure all emergency switches are off.

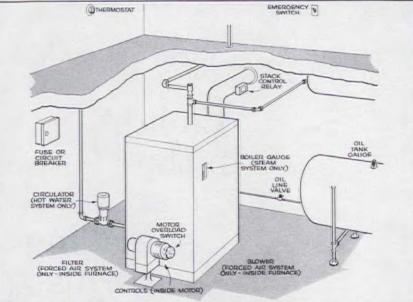


TABLE III EMERGENCY CHECK LIST FOR GAS BURNERS Here's What to Look For

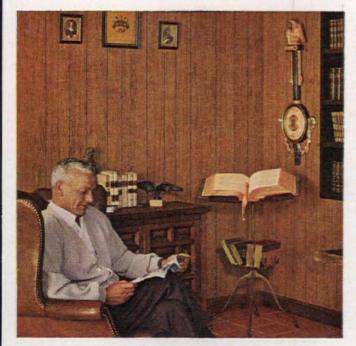
to Check	Here's What to Look For
1. Electric Switch	There is a switch on your burner that controls electricity to that burner. Make sure it's on.
2. Pilot	If your pilot is off, relight according to the instruction plate on the furnace. It's possible for the pilot to become so clogged with dirt and carbon that it does not light the burners. To remedy this, first shut off the electric switch and the main furnace gas valve. You'll find this valve on the side of the furnace. Just turn it until it stops. Tap the side of the pilot lightly a few times with a screwdriver. Turn on the gas valve and the electric switch.
3. Electrical	If there's an electrical failure in your area and you have a

Here's What

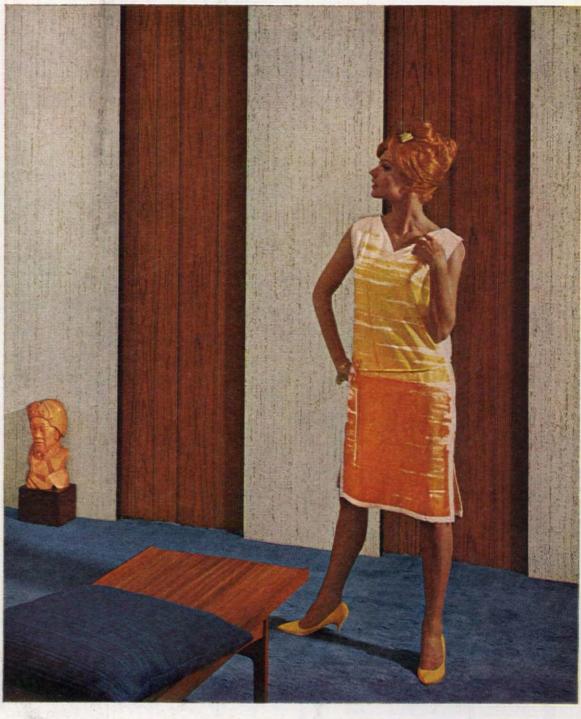
gas-fired forced air system you can probably get some heat into the house until electrical service is restored. Many burners are equipped with a manual control-either a switch-type or button. Remove the filter from the furnace. Press or turn the manual control until the burner comes on. You may have a throttling device which permits you to raise or lower the flame as required. If not, keep a constant watch on the furnace and shut off the flame via the manual control at least once every half hour to permit the burner to cool down and prevent a build-up of high pressure and temperature. This is important-once electricity is turned on again, be sure you turn off the manual control.

After all is said and done, the best safeguard against an emergency is periodic service of your furnace by a competent technician. If your burner hasn't been checked for several years, consider yourself lucky that nothing has happened. But luck can be stretched just so far. Best call the serviceman now and have him check the burner.

An increasing number of new homes are now being equipped with electric heating systems. These are practically emergency-free. The only thing that could cause a complete shutdown is a total electrical failure in your area. When that happens you're out of luck with any heating system, except, of course, an old-fashioned fireplace.







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MAGIC MAGNETS attached to the back of polished brass spread eagles are designed to hold memos, recipes, or incoming and outgoing letters against any metal surface such as the refrigerator, stove, or dashboard of a car. Decorative and practical, they make fine inexpensive gifts. \$1 the set of two. Medford Products, Dept. AH1, 752 Fulton Street, Farmingdale, N.Y.



ALERT CATS made of cast iron are most decorative when used as doorstops or as ornaments by the hearth. Finished in your choice of satin black or pure white, the cats have yellow eyes which glow in the dark. Each is about 10" long and 6" high. \$6.50 each, \$12 the pair. Order from Sturbridge Yankee Workshop, Department AH1, Brimfield Turnpike, Sturbridge, Mass.

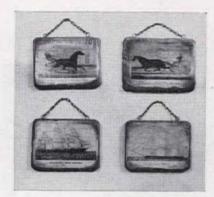


CHARMING CHERUBS for the Easter festivities are of white ceramic touched here and there with golden highlights. Combine the three little angels with an arrangement of flowers to create an interesting centerpiece for Easter Sunday dinner. Each figure is 5" high. \$2.98 for the trio plus 35c postage. Helen Gallagher, Dept. 401, 413 Fulton St., Peoria, Ill.



Order merchandise from the Market Place by sending your check or money order to the company mentioned. Unless otherwise stated, ANN Mc LAUGHLIN

MARKET PLACE



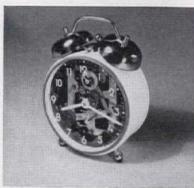
DECORATOR'S DELIGHT, fine reproductions of old prints (sailing boats and old coaches) mounted on distressed pine plaques. Each beautifully finished panel is 73/4x6". A metal-links chain is attached for easy hanging. Use in groups of two, four, or six. \$4.98 each plus 35c postage. \$10 per pair, ppd. Empire Merchandising Co., Dept. AH1, 140 Marbledale Rd., Tuckahoe, N.Y.



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VALENTINE FAVORITE, a porcelain-finished box with bas-relief hearts and flowers. Fill it with sweetmeats and present it to a favorite person on the Saint's day or on Easter morning. It is a dainty little bijou which will make a charming ornament on a table or shelf. 61/4x51/4". \$2.49 plus 35c postage. Foster House, Dept. 401, 6523 North Galena Road, Peoria, Ill.

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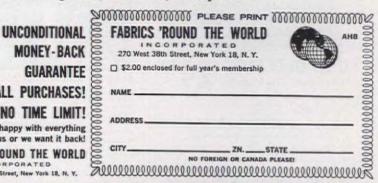
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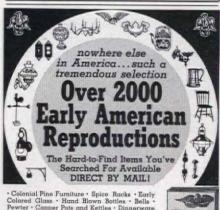




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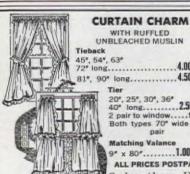


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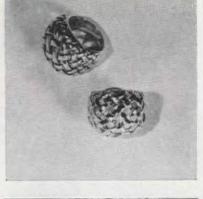
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FROM A TO Z and 0 to 9, the alphabet and numbers make decorative and instructive designs for nurseries. Background color is white, the characters and figures are a bright pink. Cut out each 21/2x3" paper number or letter and paste on the wall. Helps children learn to recognize the alphabet. \$1.49 for 4 sets. Small Fry Shop, Box 76303, Dept. AH, Los Angeles 5, Calif.



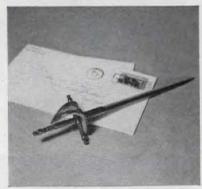
CUPID'S DART will please her when she receives a silhouetted charm for her bracelet. An engaging cherub with an arrow stands gracefully within a perfect circle. This 1" diameter ornament is only \$15 in 14K gold, \$4 in sterling silver. (Tax incl.) Either will add interest to her collection of charms. Charm & Treasure, Dept. AHE, 1201 Avenue of the Americas, New York 36, N.Y.



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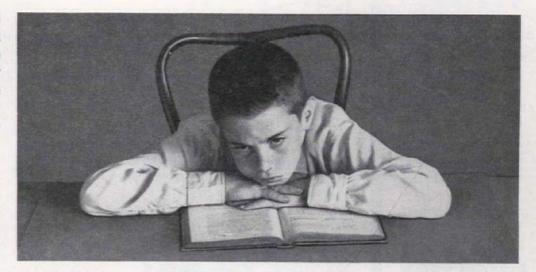
Mrs. Kilpatrick is only one of over 50,000 parents who have turned to The Sound Way to Easy Reading for help in the frustrating problem of a child who can't read. And over 3,000 schools use it.

Teaches with records

Don't think it's all your child's fault if he hasn't learned to read. Many of our brightest children are not able to grasp the "look-and-say" method taught in most schools today. Yet, many educators insist that at least 40% of our children must have formal training in phonics-that they will never master reading without it!

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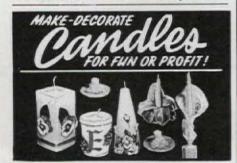


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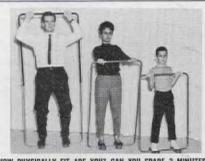
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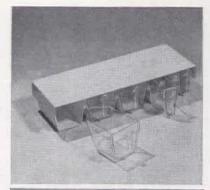
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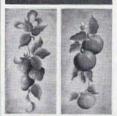
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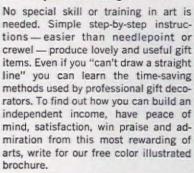
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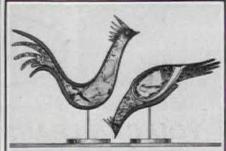
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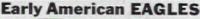
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Our winter's tale: news of siding, lumber, and lots more to start off 1964



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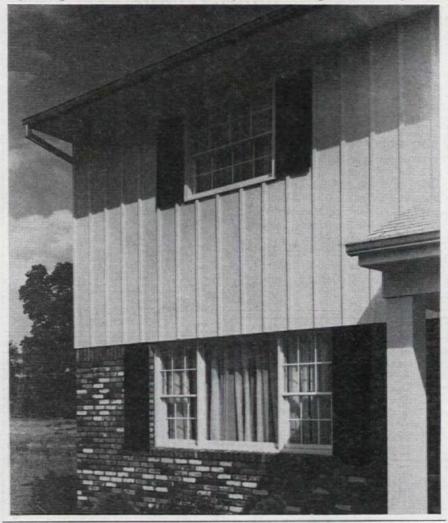
If your drain is clogged beyond the point where plungers and chemical cleaners will help, storm it with Syclone. This is a tubelike device with a rubber nozzle that is placed over the clogged drain. A sealed cartridge of nonodorous and nontoxic liquid is inserted in a compartment at the top of the tube. When the handle is pressed, the cartridge is punctured, the liquid immediately expands into a gaseous state creating a powerful force within the drain line, and the blockage is cleared. All this is safe for you and your plumbing system and takes less than six seconds. Syclone, \$6.98; refill cartridges, 98¢. Made by the Seymour Tool and Engineering Company, 1466 Merchan-dise Mart Plaza, Chicago, Illinois.

WATCH THE INCHES

If you're about to build or renovate, be careful to check the size of the lumber you buy. The industry is working for a new standard for softwood construction lumber that will take moisture content into account. This means unseasoned lumber will be identified as such and shipped slightly larger than seasoned material so that both will be the same size in service. This will end confusion about actual lumber sizes and eliminate many of your fitting problems. For information write to the National Lumber Manufacturers Association, 1619 Massachusetts Avenue, N.W., Washington 6, D.C.

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FOR A



only 12" front to back. It's ideal for narrow counter tops, and can reduce installation costs, for the builder can fabricate three tops without waste from standard 48" plywood or laminated plastic sheets. At your local American-Standard distributor.

ADD MOISTURE AND HEAT

To offset the excessive dryness of heated homes, the Lau V-11 Vapor Wheel humidifier attaches to the side of the furnace warm-air chamber or hot-air duct, or can be installed at a remote location. Manufactured by the Viking Division, Lau Blower Company, the element is made of Scott Industrial foam and will last two seasons with proper maintenance.



POINTS OF INTEREST

We hear there's help in sight for all snow shovelers. The Smith-Gates Corporation of Farmington, Connecticut, has introduced a portable electric mat said to work wonders on walks, steps, and driveways. The Step 'n' Walk De-Icer can be placed with heating side up to melt falling snow, or down to do away with accumulated ice and snow. The six-footlong size, \$24.95; ten-foot, \$39.95.

Remote control hits the restaurant field with a new service introduced by American Express called *Be My Guest*. It is now possible for a Credit Card holder to arrange for hospitable dining for friends in 850 restaurants in 200 cities throughout the world without being present himself. Interested? Ask for the *Be My Guest* Directory and other information at American Express offices.

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