The best small house of the year
The most living space for your money
Now! The glamorous new Cycla-matic Frigidaire with complete Self-Service!

Cycla-matic Imperial model CTI-103

Makes all ordinary refrigerators seem old-fashioned

Only Cycla-matic Frigidaire brings you the modern time-saving miracle of real Self-Service. Separate insulated freezer holds over a week's supply of frozen food at safe zero zone cold... has 3 Quickube Ice Trays and new Frozen Juice Can Rack. Magic Cycla-matic brain banishes refrigerator frost before it collects — uses no dials or timers. Combination of full-size Roll-to-You Shelves and new Pantry-Door puts every single food item at your finger tips. Choice of right or left-hand doors at no extra cost. All 17 Frigidaire models have exclusive Meter-Miser, simplest refrigerating mechanism ever built.

Cycla-matic Frigidaire
Built and backed by General Motors

Colorama glamor "does your kitchen proud!" Beautifully styled exteriors. Choice of two colors, or white on the outside. Matching colors on the inside. Harmonize with any kitchen... match new Colorama-styled Frigidaire Electric Ranges. And only Frigidaire offers you a choice of Porcelain or Dulux exterior finish.

See your Frigidaire Dealer — ask about models Arthur Godfrey recommends on his radio-TV shows. Look for your Frigidaire Dealer's name in your phone book under "Electrical Appliances." Or write Frigidaire.
A handsome gray box on the living room wall in House & Garden's 1954 House of Ideas controls the weather throughout the entire house. A flip of the center switch sends warmed or cooled air from the Carrier Weathermaker depending on the season. The thermostat knob sets the temperature summer or winter.

You can enjoy the same Carrier air conditioning that's in the House of Ideas

No matter how old your present house is or what kind of heating plant it has, year-round air conditioning can be added easily and inexpensively. For example, if you are now heating with warm air you can replace your old furnace with a Carrier year-round Weathermaker that both heats and cools. Or if your furnace is good you can attach a Carrier Conversion Weathermaker that will add cooling to your heating system. If you are now heating with steam or hot water you can replace the radiators with neat Room Weathermakers or install a simple duct system designed for cooling only. Get in touch with the Carrier dealer listed in the Classified Telephone Directory. He'll be glad to prescribe the proper air conditioning system for your house. Carrier Corporation, Syracuse, New York.


Summer cooling plus winter heating are supplied from this single, compact Carrier Weathermaker. In the House of Ideas the Weathermaker is located in a basement utility room but it can fit in a closet or any other upstairs space as well. If you're building, ask your architect to design a Carrier Weathermaker Home (a home planned around air conditioning). Air conditioning costs little extra when you take advantage of the economies it offers.

Warm Air Furnaces can be easily converted to year-round air conditioning by adding this new Carrier Conversion Weathermaker. It consists of a cooling coil section that fits in the supply air duct and a refrigeration section that can be located anywhere out of doors or in a garage. The air-cooled Weathermaker needs no water, is inexpensive to install and operate.
THIS BRAND NAME ON LUMBER ALSO BRINGS YOU...
Bevel and Bungalow Sidings

IN A VARIETY OF GRADES AND SPECIES

Known for generations as a manufacturer of quality lumber products, Weyerhaeuser has developed the production of bevel and bungalow sidings to a fine art.

Weyerhaeuser Bevel and Bungalow Sidings are among America's most popular native exterior wall coverings. Their bevel design provides an overlapping, water-shedding pattern which increases their value as an exposure material. Offered in a variety of durable Western Softwoods, Weyerhaeuser 4-Square Bevel and Bungalow Sidings are proved, weather-resistant products.

In addition to their high functional value, bevel and bungalow sidings are easily adaptable to many styles of architectural design. They highlight the structural mass with form, texture and color. The deep shadow lines amplify the width, which is the most striking characteristic of rambler houses. The decorative schemes of homes built with Weyerhaeuser 4-Square Bevel and Bungalow Sidings are easily altered with each new paint job.

Your needs for exterior wall coverings of unusual beauty and durability can be completely satisfied with Weyerhaeuser 4-Square Bevel and Bungalow Sidings which are manufactured in a variety of grades and sizes from Idaho White Pine, Western Red Cedar, West Coast Hemlock, Ponderosa Pine and Sitka Spruce.

Ask your Weyerhaeuser 4-Square Lumber Dealer to give you full details of these popular sidings...or write for descriptive literature.

Weyerhaeuser Sales Company

ST. PAUL 1, MINNESOTA
THE ONE BIG DIFFERENCE THAT MAKES ALL THE DIFFERENCE IN AUTOMATIC WASHERS!

Now in the newest and finest Automatic ever built!

This picture shows the one big difference between the new Easy Automatic and all other automatic washers. It's Spiralator washing action. As 2,000,000 Easy owners know, it washes clothes cleaner with less wear! See for yourself! With ordinary action, clothes lazily float on top while clothes on bottom get excess scrubbing. Now see how Easy Spiralator action travels clothes in a one-way spiral path, so that all clothes are washed in all parts of the tub. No "loafering" at top, no over-scrubbing at bottom.

More automatic...yet more flexible! Master Mind Dial gives you choice of two separate completely automatic washing cycles, one for regular fabrics, one for fine fabrics. "Positive Fill" guarantees right amount of water in tub regardless of water pressure. See this beautiful new Easy Automatic today! Terms about $3.65 per week after down payment.

Easy Washing Machine Corp., Syracuse 1, N. Y.

EASY'S NEW MATCHED PAIR

as featured in House & Garden's HOUSE of IDEAS

The all-new Easy Automatic Dryer dries clothes sweeter than sunshine with the right heat and right time for any type fabric. Gas or electric.
FREE JACKSON & PERKINS NEW FALL 1954 CATALOG OF ROSES AND PERENNIALS

See the World’s Most Colorful Parade of Prize-Winning Roses Ever Created

Featuring...

Jiminy Cricket

NEW 1955 ALL-AMERICA AWARD-WINNING FLORIBUNDA OFFERED FOR THE FIRST TIME!

What an exciting year is in store for all Rose lovers! For, this Fall, Jackson & Perkins is introducing some of the most beautiful new roses ever created—like Jiminy Cricket! You can get a preview of these glorious new creations by sending for our brand-new Fall 1954 Catalog. It’s yours, FREE! Within its 50 FULL-COLOR pages you’ll not only see these thrilling new J&P varieties—but also all the established J&P favorites. You’ll see page after page of breathtaking Hybrid Teas like New Yorker, Volcano, Diamond Jubilee... huge, exhibition-sized Roses with blooms up to 7” across! See Floribundas like Fashion, Vogue, Goldilocks... that produce hundreds of prize-winning roses on a single plant! And you’ll see America’s most popular Climbing Roses—Blaze, Aloha, Climbing Pinocchio... that provide solid curtains of color to drape over walls, fences, porch, etc.

EVERY J&P PLANT GUARANTEED TO LIVE AND BLOOM IN YOUR GARDEN

There’s even a wide selection of hardy J&P Perennials—Delphiniums, Giant Mums, Phlox, etc. Also planting hints and money-saving offers! Since experts recommend Fall as the best time to plant—you’ll need this Catalog to make your selections as soon as possible. Mail coupon NOW.

SEE THE WORLD’S MOST PRIZED ROSES

50 PAGES IN FULL COLOR!

JACKSON & PERKINS CO. World’s Largest Rose Growers Newark NEW YORK

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919 Rose Lane, Newark, NEW YORK

Please send me a FREE copy of your big, new Fall 1954 Rose Catalog picturing and describing the newest and best in easy-to-grow J&P Modern Roses and Perennials—all in full natural color... and containing helpful information about successful gardening.

NAME
ADDRESS
CITY... ZONE... STATE

This offer good in U.S.A. only.
Wit and melody, like gin and tonic, are especially good for summer consumption. And sometimes they are blended so smoothly they make you want to rise up and float away. Some recent recordings have had just that effect on us and we're certain will stir similar feelings in you. Nicest of all, they make wonderful terrace, pool-side or shady-lawn listening whether you're relaxing alone or entertaining friends at supper.

Angel has come up with two first recordings by the virtuoso Quartetto Italiano (Mozart: Quartets Nos. 14 & 15, long playing record 35063 and Boccherini: Quartets No. 3, Opus 39 & No. 3, Opus 38, long playing record 35062) that are miracles of wit, elegance, melody and recorded sound. This is the group Virgil Thomson has called "the finest string quartet, unquestionably, that our century has known" and their performance of this luminous music is something you will want to hear again and again.

In the same category and form are Schubert's Quartets Nos. 13, 14 & 15 (3 Columbia LP records in Album SL-194) wonderfully spun out by the Budapest String Quartet on four priceless Strauss instruments from the Whitehall collection in the Library of Congress. Schubert composed hundreds of songs and some of them appear in these quartets, most notably "Death and the Maiden" in the Andante of the great Quartet in D Minor.

Mendelssohn also wrote songful music and Vox has found and released his Concerto for 2 Pianos and Orchestra in E Major together with his Capriccio Brillant on one long playing record (PL-8350). This is the long-neglected score Vox spirited onto microfilm and out of the East Zone of Berlin in a real clean-and-dagger manner. It dates from Mendelssohn's early teens and has all the freshness and enthusiasm of a sunny day. Orazio Fugoni and Eduard Mrazek are the soloists and Hans Swarowsky conducts the Pre Musica Symphony of Vienna.

Another first recording, also the handiwork of Vox, is Beethoven's Rondo in B Flat Major for Piano and Orchestra (long playing record PL-8340). Though it is the first version of the rondo of the second piano concert, it is not exactly an "important" work, but it is a lovely novelty lovingly performed by Friedrich Wunderlich and the same artists as those heard on the Mendelssohn disc. Two-thirds of the record are devoted to the bright, martial Concerto No. 1 in C Major, one of Beethoven's most enchanting compositions for the piano.

Edward Van Beinum directs the Concertgebouw Orchestra of Amsterdam in Frang's ravishing Symphonic Poem—Psyche (London 10" long playing record LD-9081). The French genius for orchestral impressionism is revealed tellingly in this haunting description of Psyche's journey on the Zephyrs to the Garden of Eros. It is all out-of-doors and wind-kissed.

In a lighter but no less nostalgic vein, you might tilt your umbrella at the sun, dangle your feet in your pool, and treat yourself to settings from Franz Lehár's sentimental operetta The Land of Smiles (Elizabeth Schwartzkopf, Erich Kunz, Nikolai Gedda, Emmy Scholz) with the Philadelphia Orchestra and chorus under Otto Ackermann, 2 records in long playing album 35078.

This is a sequel to the company's The Merry Widow and a flawless pressing it is. Schwartzkopf has one of the finest voices to be heard since the war and all the soloists sing as though they believed in Old-World Vienna, and Lehár's decidedly Austrian China, with all their hearts.

Vanguard dispenses its own brand of nostalgia in a whirling recording of Walse, Polkas and Marches by Johann Jr. and Josef Strauss played to a T by Anton Paulik and the Vienna State Orchestra (long playing record VRS-443). Besides such favorites as Voices of Spring and Tales From The Vienna Woods, there are such delightful items as the Village Swallows Waltz and Dot in the I Pall.

Flutes, woodwinds and singers sound particularly at home in plein air and Columbia offers two Woodwind Ensembles, both in E-Flat Major, by Mozart and Beethoven (LP record ML-8143) which are as refreshing as a cool breeze from the hills. The incomparable Rudolf Serkin is joined by members of the Philadelphia Woodwind Quintet in this performance and their collaboration is a mid-summer's dream to hear. Mozart's magical airiness is again apparent in his first and second Concertos for Flute and Orchestra brilliantly captured by Hubert Barwalder and the Vienna Symphony Orchestra under John Pritchard. (Epic LP record LC-3038)

If it's dancing you want or songs for your supper, you might lend an ear to Frank Sinatra's Songs For Young Lovers (10" Capitol long playing record H-1040) in which he with vocalist Vic Damone, his special intimacy to such praisers as My Funny Valentine, I Get a Kick Out of You, They Can't Take That Away From Me, or three releases from Walden: Lyrics by Ira Gershwin to songs like Gershwin's Buh Buh Buh and I Don't Think I'll Fall In Love Today, Jerome Kern's Put Me To The Test and Long Ago and Far Away or Kurt Weill's Sing Me Not A Ballad (long playing record Walden-300); Gershwin Rarities Vol. 1 including They All Laughed, Aren't You Gonna Let Me Go? We Did? and Kickin' the Clouds (long playing record Walden-302); and Rodgers and Hart with To Keep My Love Alive, Easy To Remember, I've Got Five Dollars, and A Tree In the Park among other pleasures (long playing record Walden-308). The performers involved include Louise Carlyle, Bob Shaver, David Craig, Kaye Ballard, David Baker and the John Morris Trio. Comedienne-Nancy Walker is a wonderful surprise singing Ira Gershwin's lyrics straight to housefuls by men like Jerome Kern, Kurt Weill and Vernon Duke. Hart's rhymes are wonders of tart playfulness. Just about (Continued on page 94)
HURR-R-R-RY!
That's what we mean, in the language we say provided you are quick enough.

You may find this next statement hard to believe; but nevertheless it is true, and it seems a principal reason for the continuing success of this cooperative plan: the members obtain these books for the same price that they are called upon to pay for ordinary rental library fiction! Yes, each member pays only $3.65 for each book—or, to make the bargain even more remarkable, only $3.28 in advance!

What is the natural result?

There are now thirty thousand members. And, although the Club is starting upon its Nineteenth Annual Series, of the original Charter Members more than half still remain in the membership! The "renewal rate" in The Heritage Club is much, much greater than the "renewal rate" of any of the ordinary book clubs. In short, the members are highly satisfied!

Now the Prospectus is being prepared for the Nineteenth Series; and it is described the books to be distributed to the members during the coming twelve months. We anticipate fewer than one thousand vacancies. If you are quick enough, and if you obtain one of these for yourself, you will obtain books like these:

**An American Tragedy** by Theodore Dreiser, illustrated by the great American painter Reginald Marsh; and

**The Lives of the Noble Romains and Noble Grecians**, in a wonderful text edited from the manuscript in the Huntington Library, beautifully designed and decorated by W. A. Dwiggins; and

**Notre-Dame de Paris**, the massive novel by Victor Hugo illustrated with paintings made in the Cathedral itself by Bernard Lamotte; and

**The Story of Reynard the Fox by Goethe**, illustrated with wood-engravings by Fritz Eichenberg; and

**The Revolt of the Angels** by Anatole France; and

**Milton's L'Allegro and II Penseroso** in an extraordinary done-dos volume planned by Bruce Rogers...

These are only a few of the titles. Yet you don't have to take any of the listed titles if you don't want them! You are given a list of more than four dozen Heritage books-in-print—from which you are permitted to select substitution titles. In short, you may obtain only the books you want, and yet at a bargain price.

Of course, there have been book bargains before; and there will be again. But it seems safe to say that never in the history of book publishing has a greater bargain than this been offered to wise buyers of books.

You are invited to put this statement to the test! You are invited to send for this new Prospectus, which describes the cooperative membership plan in detail—and includes many expressions of opinion from the members themselves, the people who pay their good money for these books and do not hesitate to indulge in high-flown language.

If you will fill out the coupon printed below, and mail it to The Heritage Club, you will be sent a copy of the Prospectus. Also, one of the limited number of vacancies will be reserved for you until you have had time to study the Prospectus and to make up your mind about the acquisition of these books which are treasures. You would be wise to mail the coupon now!

**RESERVATION COUPON**

Please send me your new Prospectus, describing the books which you will distribute to the members in the coming twelve months. I understand that you will now reserve one of the remaining memberships for me, awaiting my formal application.

**NAME**
**ADDRESS**
**CITY AND STATE**

**July, 1954**

YOU MAY NOW OBTAIN
BEAUTIFUL, beautiful BOOKS
LIKE THESE—AT THE SAME PRICE AS AN ORDINARY NOVEL!

Yes indeed, provided you are quick enough, you may now fill a vacancy in the membership of The Heritage Club—and thus acquire a unique collection of the world's classics, especially illustrated by the world's greatest artists and superbly printed on fine papers: for the same price as an ordinary novel!

Hurry! Hurry! Hurry-the Europe of the sideshow Barker, when we say you should be quick to seize. For you may know that the membership rolls of The Heritage Club are not always open for new members. When some vacancies occur, and the membership rolls are publicly opened for new members through announcements such as this one—why, you are offered an unusual opportunity which you should be quick to seize.

Shall we tell you why?

Well, The Heritage Club distributes to its members "the classics which are our heritage from the past, in editions which will be the heritage of the future." These books are not falsely deluxe nor are they old editions dressed up for a new market. They are the classics of the world's literatures: especially designed by the world's most famous typographers, illustrated by the greatest of the world's artists, carefully printed by leading printers on papers which have been chemically tested to assure a life of at least two centuries, handsomely bound and boxed.

You may find this next statement hard to believe; but nevertheless it is true, and it seems a principal reason for the continuing success of this cooperative plan: the members obtain these books for the same price that they are called upon to pay for ordinary rental library fiction! Yes, each member pays only $3.65 for each book—or, to make the bargain even more remarkable, only $3.28 in advance!

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Solid knotty pine is also available in open stock for the dining room.

You'll find a lifetime of pleasure in the adaptability of this lovely solid knotty pine. The authentic Early American design is superbly rendered by a century-old skill perfected through generations of Unique's master wood workers.

Not only has enthusiasm for boating of all types increased tremendously in the past few years, but things are getting easier for weekend sailors. The development of the car-top boat carrier and the boat trailer permits a man and his family to override the restrictions of one lake or river and allows them to explore different waters every weekend or, on a vacation trip, every day. Hand in hand with these portable boats are new outboard motors to propel them.

I think two of the greatest improvements in modern outboards are quietness and ease in starting. In the past you've doubtless watched the frustrated efforts of a grease-stained skipper as he wound and yanked, wound and yanked a short piece of line, trying to get his motor started. Now, many models have built-in starters which sometimes work on one pull. I said sometimes but even if you do have to pull more than once, the rewinding is automatic. A push button electric starter like that found on a car is available on the latest Johnson and Evinrude 25-horsepower motors.

Another great improvement in a modern outboard is the gear-shift which gives you neutral, forward, and reverse; the last, as any tyro can understand, is a great help when you are coming into a crowded mooring, bucking a stiff wind or a strong current; neutral, of course, makes starting much less confusing than it used to be when the motor was always in gear.

Remote controls are easily attached to some models. This means that the throttle and gear shift can be controlled up to 18 feet away from the motor; in other words, from any part of the boat: forward, midships, port or starboard.

I don't know what further improvements we can expect in the future except, perhaps, an outboard that will run for a lifetime on a few grains of atomic compound; as it is, you can run one of the small ones all day on about 75 cents worth of fuel. Meanwhile, however, engineering brains are constantly at work on refinements of construction and production; their efforts have already resulted in more power for less weight (materials are lighter but stronger), lower cost, lower fuel consumption, and especially less noise. Evinrude's newest engine, for instance, is mounted on synthetic rubber cushions (which oil, gas, or fuels will not disintegrate) to eliminate roughly 50 per cent of the old vibrations and noise. Johnson has been particularly successful in quieting down its motors.

In addition to being comparatively inexpensive to buy, and really economical of fuel, an outboard motor is also inexpensive to repair. Parts are cheap (a small-size propeller costs about two or three dollars) and they are readily available even for old models because the big manufacturers maintain excellent service departments. And in the case of a major repair job, you don't have to haul out the boat (considerable expense in itself) and pay shipyard charges while the job is being done; with an outboard motor, all you have to do is unhook it from the transom of your boat and take it around to the repair shop, where the mechanic may be a good guy and lend you one of his while he's working on yours.

Propeller damage, however, does not occur very often because outboards are built to tilt up when they encounter any underwater obstacle. Flambeau Motors' and other manufacturers' new outboards feature a clutch that releases the propeller when obstructions are encountered. This makes exploring uncharted waters less of a hazard than if the propeller were rigid.

The Evinrude three-horsepower 'Lightwin' has the 'Fisherman's Drive' which is especially designed to permit full-power operation in thickly weed-grown waters, and over shallow waters fouled with logs, snags and rocks; the propeller is protected by a rubber clutch and will keep pushing a boat as long as there is water to float it.

Automatic bailers give a great convenience and very easy to attach to the anti-cavitation plate of any motor. The amount of water pumped depends upon the speed at which the motor is running. A capacity of up to 4 gallons per minute is claimed by the K-B boat bailer. This bailer is recommended by such famous stores as Abercrombie & Fitch in New York and Von Lengerke & Antoine in Chicago.

It is obvious that an outboard takes up no precious space inside a boat. And its position out there on the transom, with air circulating around it, eliminates the fire hazard of explosive gases that can collect in the bilge.

Motors of 20-25, and 40 horsepower mean that the outboard can propel even larger family-size runabouts and small cruisers at speeds up to 35 miles per hour. —Gerald Mccann
A FEW AMONG THOSE OF GENUINE ATTAINMENT WHO DRIVE THE IMPERIAL.

Mr. C. C. Anderson,
Chairman of the Board
C. C. Anderson Stores Co.

Mr. Russell L. Heberling, Vice Pres.
and Director, Philco Corporation

Mr. Richard A. Norris, President
The Lincoln National Bank
Washington, D. C.

Mr. M. C. Ricciardi, President
United Can Company, Inc.

Mr. Henry W. Windsor, Jr.,
Publisher, Popular Mechanics

To you who can ... like so many of today's leading Americans ... appreciate the very finest in motorcars, the new Imperial by Chrysler will appeal with special eloquence. Its bold sweep of line, its interior charm and luxury, bear the stamp of modern majesty. Yet your deepest delight can only be realized when you sample its superb ability on the road ... and this we warmly invite you to do. Through its extraordinary 235 HP FirePower V-8 engine and fully-automatic PowerFlite transmission you will reach the inescapable conclusion that the power of leadership is yours in an Imperial by Chrysler.

THE FINEST CAR AMERICA
HAS YET PRODUCED
"CLAY TILE...AN INSPIRATION TO DESIGNERS

...A BOON TO THE MODERN HOMEMAKER"

Done in subtly blended clay tiles of black, gray and white, Marcel Breuer, architect of UNESCO building, has designed a bathroom-sun garden that’s sure to stimulate ideas for your bathroom—whether it be modest or frankly luxurious.

Roomy, convenient clay tile counter-tops like this will take suds, wear and water for a lifetime. And the clay tile tub and recessed shelf, dramatically reflected in the mirrored storage wall, come sparkling bright with minimum effort.

For durability and beauty, clay tile floors—walls and wainscoting, too—have no equal! This scuff-proof, water-proof, no-wax clay tile floor leads invitingly to a sun garden. There, colorful clay tile, crisply accenting the outdoor flagstones, will resist fading and weather extremes for years.

IMPORTANT: When building or remodeling, ask your tile contractor about the new adhesive method for installing clay tile. It may save you money. Be sure to see the wide range of sparkling clay tile colors, too.

Get clay tile remodeling and new construction ideas from colorful, new brochure "Ideas Unlimited", plus a folder on ideas used in the Marcel Breuer bath. Both for 10c. Write to Tile Council of America, Dept. HG, Room 3401, 10 East 40th St., N. Y. 16, N. Y., or Room 433, 727 W. Seventh St., Los Angeles, Calif.
A trip south in suitable season pays double dividends. Not only do you evade the last, jittery breaths of winter, you acquire a lot of warm-climate ideas which, within a few short months, will be supremely useful at home. This is particularly true in the food and drink department. If you wonder what liquors to serve during July’s torrid weather, take a tip from the Caribbean shores where cool-tasting drinks are as lasting an institution as the trade winds. Rum is the mainstay of these drinks. Tropical fruits give them their elusive perfume; the lime, rather than the lemon, the bitter Seville orange instead of Florida or California varieties, the pineapple and the mango, both of them ripe and available in the U. S. at this season. Bitters are liberally used on the same principle that makes people in the tropics eat red-hot curries and jambalayas; the bite makes you feel cooler.

Cuba’s El Presidente cocktail was astutely named to survive successive changes of regime. Down there, it functions as the local martini and is made with almost equal austerity (this distinction as the local martini and dry vermouth, of which martini-wise. Down there, it functions as the local martini and is made with almost equal austerity (this distinction as the local martini and dry vermouth, of which martini-wise. Down there, it functions as the local martini and is made with almost equal austerity (this distinction as the local martini and dry vermouth, of which martini-wise.

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CEDARIZE YOUR CLOSET

SAVE $200! (Usual cost to cedar-line a closet) ... convert closet, bureau drawer to aromatic cedar storage with "Cedar-Mite"; a odorless concentrate. Presumptive in automatic spray mist can. Delightful cedar scent remains for months. Money, safe otherwise. Easy, economical, generates rain teas closets and map drawers in house. $1.35.

AUTOMATIC ICE CHIPPER

NEW ICE MAKER!! Chipped ice ... easy, quick! Slide flexible tray from freezing section TWIST PLIABLE TRAY ... for quick supply of handy chippped ice. Noevious pounding or grinding ... no dangerous jabbing. Ice Chipper tray fits any refrigerator. Faster cooling for beverages, salads, etc.; you'll need several at only $1.00 each. INTRODUCTORY OFFER! 4 for $3.75.

KILLS FLIES ... Bugs

Slip "TV Junior" (1954's miracle lessen exterminator) LINDANE ASBESTOS COLLAR, on any light bulb, neat 2 hours, upper premises every cruck, centiner—leaving repelling residue that keeps house FREE of flies, ants, moths (for closets), roaches, mosquitoes, etc., for weeks. Harmless to humans and pets when used as directed. The cheapest way to get rid of pests. See of 15 "TV Junior" Collars $4.95 at your supply per room. $1.85.

CORN SET

Only $4.95 ppd. Shipping charges collect. Send check or money order to 7410 Santa Monica Blvd., Los Angeles 46, Calif. Send 3 for 50c each. FOR IMMEDIATE DELIVERY. ORDER TODAY.

LITTLE MISS MUFFET

Little Miss Muffet can sit on a clean sandy beach and entertain three other small fry at a picnic feast if she owns this picnic basket. Capacious (12" x 7" x 6"), it is fitted with four plates, four mugs, four forks, knives and spoons all in gay color plastic. $3.95 plus 35c post, Foster House, Dept. HG7, Princeville, Ill.

SHOPPING AROUND

You may order all merchandise shown in Shopping Around (editorial and in advertisements) by writing directly to the shops. Enclose check or money order, as few of them handle c.o.d.'s. You may return for refund any item not personalized if you return it promptly by insured mail and in an unused condition.

Corn set to use for both eye appeal and succulent flavor. One set consists of a corn roller, two corn picks, a butter spreader and salt and pepper shakers. $2.95 for two sets (12 pieces); $4.75 for four sets. Ceramic; picks and blades, steel. Add 25c post. Order from Helen Gallagher, 413 Fulton St., Peoria, Illinois.

Ice tea with fresh mint makes the perfect hot weather drink. And when it is served in tumblers made of bamboo it is a party beverage. Shown: slim bamboo cylinders polished to a golden hue. Team them with the bamboo handle iced-tea spoons. $3.95 for 4 tumblers; $4.95 for 4 spoons. Ppd. Ward Phillips, Carpentersville, Ill.

LET'S STAKE A BATH

NEW BEAUTY IN WROUGHT IRON

Four new ideas in modern wrought iron accessories — designed for utility and beauty. A. Table or counter-top magazine rack — $4.95. B. Large magazine rack for living room or den. $7.95. C. 2 in 1 rock to hold small as well as large magazines, also ash tray and egg holders. $9.95. D. Decorative "Ferris Wheel" flower pot stand (ideal for African Violets), $12.92. Express collect. Send check or money order to PAULYN PRODUCTS. P. O. Box 517, Fairfield, Conn.
Bridal gift: sentimental key chains. Made of heavy sterling silver, each chain is bedecked with a sterling silver key charm designed of hearts and wedding bells. And the keys are marked fore and aft with wedding date, initials and 'bride' and 'groom'. $9.50 ppd. for two! Tax incl. KEYsakes, 8 W. 16th Street, New York.

Pineapple hurricane for a handsome terrace table. This is a decorator item designed and made by a talented artist. Pineapple is tole finished in white and gold. It shades a crystal clear glass chimney and fluted tin candle holder. 18” high. $18.50 for one. $35 the pair. Ppd. Crown & Feathers, New Hope, Penna.

Luxury appointment at a thrifty price: the Patio Dome. It’s a handsome cover for your buffet fare and it is made of crystal-clear Flexiglas decorated with your monogram in any color. Mmm! What a hostess gift! $15.95 for 14” diameter; $35.95 for 12”. Postpaid. Edith Chapman, H67, 50 Piersmont Ave., Nyack, New York.

Southern belle for your indoor or outdoor decor: the Louisiana chair. Exquisitely proportioned, 29” x 15” x 14”, it is made of cast aluminum. Note the carefully wrought traditional pattern in the seat, in the graceful back. And it comes finished in white or black. $30.00 ppd. Bradly, 22 E. 49 St., New York.
**Recover Your \"YACHT\" CHAIRS**

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**Slip-on Back**

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Simple to put on...rugged enough to last for years, these attractive covers (18 ounce-per-square-yard sailcloth) are designed for a chair back about 18" by 22" and a chair seat about 18" by 20". Covers are available in red, blue, turquoise, green or yellow. Match up your chairs in the color of your choice!

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Use these colorful coasters when you serve drinks outdoors. They hold your glasses at convenient height next to your chair. Trip-le-sponge end easily slips into soil or sand and holds firmly. Steel core sheeted in plastic can't rust or peel, fits any glass. Assorted set of six in green, red, and yellow. Makes an ideal hostess gift!

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For Barbecue Grill up to 28x54" $2.95

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NEW! For extra comfort! TERRY CLOTH chaise covers. No more "sizzling seat" when your chaise is in the sun. The thimby Terry cloth is always comfortable, absorbes perspiration. Washes as easily as Wellington. Elastic-edge for snug fit. Gay striped-plain woven. 48" long.

$4.95

**HOUSE & GARDEN**

**SHOPPING**

Bewitching foil for a sun-tan: chalk white jewelry! Shown here is a chunky bracelet made of light-as-air white balls set with 14K gold-plated metal. Link chain from which they hang is 14K gold-plated metal, too. $6.95. Matching earrings $2, postpaid. Tax included. Order from Aimee Lee, HG7, 545 Fifth Ave., N. Y.

Be comfortable when you do the mending, when you knit or embroider! Get this capacious work bag which will remain faithfully by your side. A weighted tail keeps the open-mouth bag in position. Made of denim, it has a metal frame and metal weights. $2.95 postpaid. Order from J & L Art Shop, 812 West 181st St., N. Y.

Take a stand like one of these if you want to display your choice china cup and saucer. Made of hand-wrought metal finished in antique brass, the stand comes in two sizes: demitasse ($2.25 the pair); tea cup ($2.95 the pair). A pair makes a perfect hostess gift! Postpaid. Seth & Jed, New Marlborough, Mass.
AROUND

Sky blue turquoise and sterling silver are combined to make this handsome cross. As you know, the Zuni tribe of American Indians are experts in working with the beautiful turquoise. And the cross shown here is perfect in every way. $4.95 complete with neck chains. Postpaid. Tax incl.

Miller Curio, Tucson, Arizona.

Imprisoned beauty for you to live with: the crystal be–decked basket fixture. Each pear shape drop is hand cut and fully faceted: each reflects brilliant light. Perfect for the hall, the bedroom, the dining room. Three sizes: 13" ($22.95); 16" ($29.95); 17" ($34.95). Exp. coll. Paulen Crystal, 296 Broadway, N. Y.

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Carabao Shantung Weave Fabric $1 a yard
This rich, medium weight fabric hangs perfectly in panels or draw drapes. Grey, Beige, Lime, Rosedust, Turquoise, Cocoa, Gold, Mint Green, Hunter Green, Sea Foam, Celadon, Red, Off White.

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A durable delicate-looking textured fabric in exquisite custom-styled colors. For draw drapes or glass curtains. White, Silver, Peacock, Slate, Turquoise, Leaf Green, Laurel Green, Sage, Moss, Lettuce, Acacia, Chamaois, Gold, Natural, Ice Pink, Ash Rose, Mauve, Apricots, Coral, Brass, Driftwood, Nutmeg, Raspberry.

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Send for free complete price information, directions for measuring. Enclose 10¢ for each group of swatches in all colors—or 25¢ for all three groups, all colors.

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Carabao Special Products Company, Dept. G27, 950 Columbus, San Francisco, California
Enclosed is $_ for swatches of □ Shantung Weave Fabric □ Nylon-Cotton Fabric □ Rayon-Cotton Fabric □ All three fabrics
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NAME

ADDRESS

CITY AND STATE
In blossom time you should copy nature and wear bright flowerets! Shown here are gay geranium flowerets (silk) mounted as earrings and as cutlinks. Even on the rainiest day accessories like these will add cheer to your heart. $1.50 postpaid, tax included, for either set. The Felices, Dept. HG6, Boonton, New Jersey.

Bonanza for everyone: the formula Dianol: a powdered insecticide which can be put into paint, varnish or other surface finishes. It will remain a dependable insect killer for years. Put it into solution and apply it to all surfaces. Harmless to humans and pets.

$4.20 lb. ppd. Plaza Paint, 1026 Third Avenue, New York.
AROUND

Woodnik people are the nicest people we know! There are twelve of them in the series and each character is a make-it-yourself toy! Hardwood pieces are easy to put together; the gaily colored paper costumes are 'press-ons'. Shown: the soldier. 81. ppd. for one. Albin, 1401HG W. 8th St., Los Angeles.

Terrace news! The outdoor contour chair which is hand-together; the gaily colored west of Miss. Order from Yield to finish. Made of solid white ready for you Avra Industries, Box 1064 Saran. $32.50 express collect.

Colony sign ready for you to finish. Made of solid white pine it comes in four sizes: 16" x 24" ($7.90) to 30" x 32" ($13.90). Black-finished wrought iron bracket comes in two sizes: with 18" arm ($5.90) or with 22" arm ($6.90). Add 50¢ for postage west of Miss. Order from Yield House, N. Conway, N. H.

GO BETWEEN'S FOR MORE EARRING COMFORT

Go Between's, made of fine latex foam rubber, provide comfort and carefree earring loose, eliminate pinched ears. Speci-
dially designed attaching device makes them adaptable to clip and screw-type earrings. May be transferred from one pair of earrings to another. A blessing to those allergic to metal worn next to the skin. Completely washable. Fit any size or style earring. Packaged 2 sets to a card, $1.00 postpaid. No COD's, please. Guaranteed to give comfort. Albin of California, Room 17G, 1403-13 W. 8th St., Los Angeles 17, Calif.

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Grandma Moses original paintings reproduced on lovely white china. Each piece bears Grandma's signature and one of her "old-timey" scenes executed in full color and permanently fired (using the same fourteen colors she herself spread upon her palette). Guaranteed to be ever-proof and deterrent-proof (may be put into washing machine).

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5" x 18", filled with Dupont Dacron

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House & Garden

Shopping AROUND

Decorative accent for a pretty room: ceramic tiles decorated in multi-color and framed in pierced black iron. One frame is square (14"), the other is diamond shaped (14" square). Each is fitted with a large ring for hanging, $3.75 for one; $7. the pair. Ppd. Gilbert & Leonard, Miracle Mile, Manhasset, New York.

Ice cold beer is essential for a picnic or a beach party. You can be sure that it is cold if you carry it in an insulated case like this one. Made of waterproof plaid cotton twill, it has a fiber glass lining, leather handle, zipper closing, can opener and 4 plastic rims, $8.95 ppd. Order from Serv-U, Box 390, Flushing, New York.

In summer the fireplace can look neglected so be sure to get the handsome fan shown here. Set it behind the andirons and notice the pleasing effect it creates. Made of pleated paper, it has a sturdy wood frame. Beige or gray with gold trim, 33" x 17", $2.50 postpaid. From Dorothy Biddle, HC6, Pleasantville, N. Y.

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New Guarantee is on this excellent product, a hair remover that gets rid of superfluous hair from face, arms, legs, not only above the skin, but slightly below it. It is harmless, and leaves the skin soft and smooth. Your money back if after using this product your hair problem is not solved! The hair remover is priced at only $2.00, (triple size, $5.00) ppd., if order is accompanied by check, cash, or money order. You pay postage if you order C.O.D. Write to Davio Co., Dept. C-859, 125 E. 46 St., New York 17, N. Y.
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to wake up drowsy rooms
without spending a fortune!

1 A WALL MIRROR can be a real rouser for that “sleepy” room—whether it’s your dining room, living room, bedroom, or bath. For there’s a magic quality about Pittsburgh Plate Glass mirrors that stirs up life even in the dullest corner. That’s because these mirrors reflect all the color, movement and light in the room. You’ll be agreeably surprised at their low cost. Interior Designer: Miss Elizabeth Whitney, A.I.D., Chicago, Ill. Furniture by Considir H. Willett, Inc.

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The beauty of genuine leather upholstery, like the beauty of a Lincoln, comes largely from being so perfectly suited to its function. Genuine leather as used in the House & Garden “House of Ideas” gives you all the things you want in an upholstery material.

Leather provides the style, the easy-to-care-for beauty, and the air of quiet assurance which keynote your modern living, at home or on the highway. For your furniture, for your automobile, genuine leather upholstery is not only the crest of a rising fashion... not only the peak of practicality... but it is your most prudent purchase, as well. It is a prudent purchase because it gives so much while demanding so little. Impartial laboratory tests have proved that genuine upholstery leather is stronger, both along stitch lines and throughout, and is therefore less likely to rip or tear. It resists scratching and scuffing. It does not soften under heat, so its high-style colors cannot be dimmed by surface grime. Yet the mildest of soap on a damp cloth is all you ever need to keep its splendor glowing! And it adds to the trade-in value of your car! Write for your free copy of an interesting booklet, “All about genuine upholstery leather.”

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Ask for A A...for unchanging "Double-A" luxury.
SHOPPING AROUND

This bread dog will win in obedience class because it will do just what you want it to: hold a French loaf, but buttered rolls, small fruits or plants. Frame is black finished wrought iron, basket is natural willow, head is wood with felt ears. 21" over-all. $6.25 postpaid. Susan Michael, Box 771, Grand Central Sta., N. Y.

Perfect gift for a house-warming, for a wedding present, for a country hostess: a set of four black-finished tole trays inscribed with three initials, a family name, or a first name. Each tray is 9" x 14", $4.95 postpaid the set. Order from Greenwich Workshop, Department HG7, 109 Greenwich Avenue, New York 14.

The wild birds will visit your garden every day if you provide them with water! Provide them with water! They will visit your garden every day if you provide them with water!


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Now in your own backyard enjoy a real Maine Clambake 8 Live LOBSTERS and a Half-Peck STEAMER CLAMS

Water Timer is a garden necessity. Attach it to the faucet, then fasten your hose to 'Water Timer'. It will shut off the flow of water from hose or sprinklers any time up to one hour. And during that time you will be free to do other garden chores. Made of non-corrosive materials, $5.95 ppd. Taylor Gifts, H6, Wayne, Pa. Folding money which is legal tender in the country of origin. Here in the U. S. A. it is a fine bargain for young and old collectors. Each assortment contains ten different banknotes, each assortment varies. We think a framed panel of these notes would make good decoration. $1. ppd. Hobi, 15 West 57th St., N. Y. Carry-all will hold your road maps, your gloves, a dustcloth, a whisk broom, cigarettes and a fat packet of sandwiches. Made of plastic, it has eight pockets and a metal hook to hang over the seat. You will have an ordered journey if you use it on your next trip. $1.50 ppd. Miles Kimball, 100 Bond St., Oshkosh, Wis. 

Comfort afoot in fashion-right WEDGIE MOCCASINS

We finally found the perfect corn holders. Imported mother-of-pearl handles which will not absorb the heat as do the metal ones. Their stainless steel points are shaped and sturdy and slip into the corn easily. Need little care—no polishing. About 21⁄2" long. Set of 12 (six pairs) $5.99 including postage. No C. O. D.'s please.
AROUND

T. V. Jr. is the simple device to use when you want to rid the house of moths, flies, ants, mosquitoes. It's an asbestos collar impregnated with Lindane vapor. Slip one on an electric light bulb, let light burn for two hours. Vapor will do the trick! $1. ppd. for 15. Carol Beatty, 7410 Santa Monica Blvd., Los Angeles.

Play safe with your valuable papers: insurance policies, bonds, property deeds. Keep them in a fireproof box like the document case shown here. Made of heavy gauge steel, it has round corners, push-button key lock and your monogram on the cover. 11" x 5" x 2". $1.95 ppd. complete. Gifts & Greetings, Rockland, Mass.

Special gift for the hostess who enjoys setting a beautiful table: solid copper pepper mill and salt shaker. The gleaming metal is lacquered to retard tarnish; the interior of each piece is lined with wood; the mill is fitted with French grinders. About 4" high. $7.50 ppd. the set. Merrill Ann, 102 Warren St., New York, N. Y.

CALIFORNIA FOOD SCREEN
Here's the newest item on the outdoor serving market. Keeps flies and insects out and off of foods . . . Makes picnics, parties inviting and clean. Comes in patio colors of white, chartreuse, pink, baked enamel finish, 14 inches in diameter.

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**New edition** of the popular bun warmer: the basket (9" in diameter) with a handle and a zippered linen cover to keep your hot breads oven fresh. The cover unites for easy laundering. Basket is natural, cover comes in green or white linen. $3.95 postpaid. Order from Malcolm's, 526 North Charles Street, HG7, Baltimore, Md.

**Scimitar blades:** a new design for steak knives. These fine stainless steel blades are fitted with plastic-bone handles which are shaped to the palm of the hand. And because the design is classic, these knives can be used with any silver pattern. Blade edges are serrated. $3.95 postpaid for 6. Gift Sources, Springdale, Conn.

**Worthwhile team:** the sleeveless broadcloth blouse and broadcloth hat. You'll wear this pair with Bermuda shorts, with jeans, with a cotton skirt. Black, white, red, pink, aqua. Sizes: blouse, 32 to 40; hat, all head sizes. $3.95 postpaid for the pair. Jeffrey's, Dept. HG, 1484 Acushnet Ave., New Bedford, Massachusetts.

**Best foot forward** this summer will wear a flattering denim shoe. Shown here: faded blue with yellow crochet or charcoal with shocking pink. Soles and heels are rubber for easy comfort and long rugged wear. Sizes: 4 to 9. $4.95 plus 25c for postage. From Elizabeth McCaffrey, Department HG7, Orange 11, New Jersey.
AROUND

Terry cloth cover for the terrace chaise lounge. Think how comfortable you will feel reclining on a cover which is fresh from the sun-drenched drying yard. Use one on old or new lounge, on thick or thin pad. Colors: dark green, blue or maize. $5.50 each; $10.50 for 2. Ppd. Elron, 219 W. Chicago Avenue, Chicago, Ill.

Problem child: the sling pump. Don't condemn to the rummage the 'sliding slings' you can't wear. Instead send them to Century where they will be fitted with attractive ankle straps made of leather to match the shoes. $6.50. Add 50c post. Order from Century Factory Shoe Repair, 210 Park Ave., HG, Baltimore.

Spots before your eyes could be the leopard design on this terry cloth stole (72" x 18"). It's perfect to wear with a black knit bathing suit. $3.75. Matching draw-string bag has outside pockets as well as a cavernous inside one. White plastic lined. $2.50 ppd. Order from Susan Smith, Dept. HG7, Carpentersville, Illinois.

For Your Garden

This chubby little fellow with Jug and Bird Bath is 23 in. high, 28 in. wide. The jug can be piped for running water. Made of Pompelan Stone—$65.00 f.o.b. New York. Figure without bird bath $35.00. Write NOW for NEW catalogue, picturing a great variety of lovely Ornaments in Stones, Bronze and Lead for House or Garden.

Toilet Togs $4.95 Pretend

Colorful Plaid Partners are Gay, Smart . . . Washable, too! Finest quality acetate tafetta, charmingly quilted and ruffled in plaid. Covered drawing room set or on top of a stool, Colonial Home, Greve, red or Black on white. Also available in solid color striped shirts in White, Pink, Yellow, Dark or Light Green, Gift boxed. Order today!

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Television Table

Adjustable in depth AND width to fit any size table model television set. Heavy construction and welded throughout. Also affords a perfect base for an occasional table. Modern beauty in age-old wrought iron. Attachment Casters, set of 4 $3.25

LITTLE IRON WORKS

$9.95 POSTPAID

AUTHENTIC CAST IRON and ALUMINUM REPRODUCTIONS
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Perfect for dog lovers. This lovely sign with your own name will guide new friends and welcome old ones to your door. Made of aluminum, satin black finish, 16" wide. $18.50.

Add $1.00 per letter to be made up to 5 digits or letters only. Letters are made to be easy to exchange for different initials.

**THE WOODS 5 4 3 2 1 POST**

All-steel adjustable post with brass knobs no footing tax $17.00.

**COFFER LANTERN**

With 3" post cap. Graceful design and well made to last for years. Rich black finish matches sign. 12" high, 9¾" wide. $12.50.

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Handcrafted specialties since 1922—Lanterns, Weather Vanes, Styl Lamps, Door Knockers, etc.

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No More Smelly Refuse Pails

No Flies or Ants

If you have a garbage pail that attracts flies, ants, dogs, cats, rats—or maggots indoors or out, you should learn about SAN-A-LIZER—-a harmless cake that fastens inside the lid of your garbage pail without tools in seconds. SAN-A-LIZER keeps pests away and completely deodorizes! Send $1.10 for a year's supply (4 cakes). It's non-injurious to children and pets. Post-paid. Money-back guarantee.

SAN-A-LIZER CORPORATION

De luxe tumblers you will buy by the dozen. Made of two layers of crystal-clear Lucite with a vacuum between, they keep iced drinks cold, ice cubes unmelted for two hours. Real fishnet (oral) and green felt fish are enclosed in the vacuum. $10 ppd. for 4. Order from Artisan Galleries, 2100 N. Haskell, Dallas, Texas.

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Here is a storage rack for a hot steam-iron. Made of zinc-plated steel, it is insulated with Fiberglas. Easy to install, it will hold the iron upright so that no water can leak through the sole plate. It's an excellent safety device! $2.29 ppd. Specify your model. Classraft, 920 G Chicago Ave., Evanston, Ill.

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**No More Smelly Refuse Pails**

**No Flies or Ants**

If you have a garbage pail that attracts flies, ants—dogs, cats, rats—or maggots indoors or out, you should learn about SAN-A-LIZER—a harmless cake that fastens inside the lid of your garbage pail without tools in seconds. SAN-A-LIZER keeps pests away and completely deodorizes! Send $1.10 for a year's supply (4 cakes). It's non-injurious to children and pets. Post-paid. Money-back guarantee.

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The Great Lakes Region

Nice to be near in July: five fresh water lakes named Superior, Michigan, Huron and Ontario, happily shared with Canada by eight of these United States, connected by the world's largest locks which lift over rapids. They make a perfect vacation goal for Americans as they are huge centers of trade and transportation and easy to get to from any part of the country. The pleasures of summer, the pre-breakfast swim, a sunset sail, lazy days of fishing, walks through cool woods, a picnic safari, all seem even more fun among these blue waters, green hillsides and numberless islands. In out-of-the-way inlets, loons call across pine-darkened rivers, and the eagle flies. Salmon, trout, black bass and whitefish flash by in the clear water. Niagara River on the north shore of Lake Superior is famous for its speckled trout. Excursion boats search the bays; fine roads wind through dells and forests; sandy beaches stretch for miles along the borders of the lakes.

Newapen Inn, NinlingniHhe<l guests enjoy the near by, tennis, riding, isisbing & chiircliea. Box 511C, The Colony—Direc tly on ocean, pvt. beach. Rec­

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The Log Cabin. On Weathers Lake. Unusual cottage on pine bledt b indie lake. Central dining room. Many sports. Mr. & Mrs. R. Johnson.

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Dingey Mountain House. A square mile private estate with golf course, sand beach, swimming pool. Social program, movies, June 25 to Oct. 15.


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Marlborough-Blenheim. At the edge of the sand and sea. Oceanfront sun decks, porches, and saloons. Evening feast. Fresh and salt water baths.

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King & Prince Hotel. Year 'round resort. L. P., directly on ocean, pvt. beach & pool; dancing, fishing, riding, golf. Near Brunswick, Georgia.

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Sparhawk Hall. At salt water's edge. Sports, relaxation, spacious sun deck, excellent meals, formal social events. Open all year, Picture folder, booklet. Clomen Kennedy, President.

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LAKE GEORGE


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The New Weston, Madison Ave. at 50 St., at the center of business and social life. Weston Golf, English Lounge and Restaurant. A Knott Hotel.


Virginia Beach

The Cavalier. Virginia's aristocrat of southern resort clubs. an exclusive domain of pleasure in the summer with its Beach and Country Club, Country Club and Yacht Club, two championship golf courses, indoor pool, tennis, riding, fishing, golf trips to Williamsburg and planned social activities. Under direction of Sidney Banks. Your inquiry is invited.

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Virginia

HOT SPRINGS

The Homestead. On its own fabulous 17,000-acre estate in a lovely surrounded part of Virginia's Alleghenies. The Homestead is probably the number one choice for a summer vacation on this continent. Golf, tennis, riding, short, other sports, all sports. Excellent cuisine, brilliant social scene. Write The Homestead, Hot Springs, Virginia, N. Y Office in The Chatham, phone Plaza 8-2940; in Washington, phone Republic 7-1764.

Virginia Beach
Denmark, Norway and Sweden

These three Scandinavian countries, medieval and modern, have a special gift for fun.

These are the happy countries. The summer sun shines brightly (some places, all day long). The people are attractive and welcoming. The food is delicious and varied. The summer weather, dry and fine. Denmark, Norway and Sweden are all monarchies but vigorously democratic, ancient but actively modern. There is that mixture of common sense and fantasy in the air that one associates with countries shaded by mountains, shining with lakes. These are the countries of Grieg and Ibsen, Strindberg and Hans Christian Andersen. Water surrounds them (all three are on peninsulas). Forests and farms bloom on them. Glaciers shift and rivers run. Everybody speaks English. And it is almost as easy to get there as it is to go next door.

DENMARK

Copenhagen, on the island of Zealand, is a kind of northern Paris filled with towers and parks. Unlike Stockholm and Oslo it is flat. The wind blows in from The Sound or across the flat farmlands unobstructed. Yellow trams clatter by off-white houses. The mailmen wear scarlet trimmed with silver. Thousands of bicycles wheel through the streets. When you get there, climb the stepless spiral stairway to the top of the Round Tower to get a sense of the whole city or, at night, to gaze at the stars. Watch the Royal Guard parade before Amalienborg Palace when the King is in residence. Visit the wonderful Permanent Exhibition where the best in Danish arts and crafts—porcelain and furniture, silver and glass—are gathered in one place to save the traveler time. The food is delicious and there is a famous restaurant called Oskar Davidsen with a sandwich list four feet long offering 708 varieties. (Hans Andersen’s Favourite consists of bacon, tomato, liver-paste with truffles, meat jelly and horseradish.) Take a trip to Sorgenfri, an outdoor museum of old houses somewhat like Colonial Williamsburg. You can view the Crown Jewels in Rosenborg Castle. Plan to attend an opera or play at the Royal Theatre where the famous Danish Ballet also performs. During the summer you might pack a lunch and wile away a day in the shadow and flickering sunshine of Dyrehaven Park, a beautiful deer-filled forest and a favorite picnic spot of Copenhageners. And in the great Tivoli Gardens you can wander under colored light, listen to a band concert, dine in the open air, watch an Italian pantomime (done in the original version with the original music) or hear a symphony in Glass Hall. On holidays and Sundays, after dark, fireworks flower overhead in the summer sky. At Elsinore to the north Hamlet is given every June in the courtyard of Kronborg Castle, the setting of Shakespeare’s tragedy.

But there is a lot more to see. Point for Roskilde, the ancient capital of Denmark where kings are buried in the 12th century cathedral. Then on past windmills, half-timbered cottages and rich farms to Trelleborg with its circular Viking fortress built in the year 1000. From Korsor on the coast, the ferry will carry you across the Great Belt to Nyborg on the island of Funen. The roads wander through glorious château country past 16th and 17th century manor houses, castles, fountains, moats: Holekenhavn, Glorup, Rygaard, Hesselagergaard and Broholm. At Svendborg to the south there is an amazing view of the beech-covered islands of the Danish Archipelago. Motor to red-walled Egeskov built by a nobleman in 1550 on oak piles rammed into a lake bed. Odense is the birthplace of Hans Christian Andersen and his home is now a museum filled with his books and letters and containing his famous top hat and umbrella. Then on westward through heavenly countryside to another coast and across the Little Belt Bridge to Jutland on the mainland.

The road to Kolding follows the fjord. Limes and poplars shade the way. Kolding is a market town with a 13th century castle on a lake. Christiansfeld, further south, is famous for its honey cake bakery. Medieval Ribe stands across moors to the west: a beautiful cathedral built in 1130, storks nesting on the roofs of old houses. At Fanö nearby, you can go bathing from gay little bath houses on wheels that are pulled into the shallow (Continued on page 104)
American-Standard bathrooms in color

**MAKE IT EASY TO CHANGE YOUR COLOR SCHEME AS OFTEN AS YOU LIKE!**

Have a "new bathroom" whenever you like with American-Standard fixtures that are color-blended to go with more color schemes. Just change your shower curtains, mats and towels (as you change your slip covers and draperies) and presto, you have a "new bathroom"—such as a coral and brown bathroom in winter and a coral and green one in summer!

The Corallin bathroom fixtures shown include a ten per cent longer bathtub for luxurious bathing. Like all American-Standard baths, it is made of rigid cast iron with a smooth, thick enamel coat. The New Dresslyn with wide, roomy counter top smartly combines lavatory and cabinet in one American-Standard unit. Both the toilet and the lavatory are of easy-to-clean, genuine vitreous china.

**HAVE A SECOND BATHROOM, TOO!**

Need a second bathroom? Then, have it! There's room for one in practically every home. For example, there's a complete American-Standard bathroom that fits into a space only 3' x 8'. And for that second bathroom, insist on beautiful American-Standard fixtures in one of six decorator colors or in white.

Even with no down payment—pay as little as $3.94 a week*

Ask your American-Standard retailer about easy payment terms for these and other beautiful bathroom fixtures. He's listed under "plumbing fixtures" or "plumbing supplies" in the Yellow Pages of your phone book.

SEND FOR BIG HOME BOOK. It contains helpful decorating ideas and valuable information on plumbing, heating and kitchens. Just fill out and mail the coupon below with 10c in coin to cover cost of handling. American Radiator & Standard Sanitary Corp., Pittsburgh 30, Pa.

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**AMERICAN-Standard BATHROOMS**

Serving home and industry: AMERICAN-STANDARD • AMERICAN BLOWER • CHURCH SEATS & WALL TILE • DETROIT CONTROLS • KEWANEE BOILERS • ROSS EXCHANGERS • SUNBEAM AIR CONDITIONERS
All eyes are on you when your **PLYMOUTH** makes its graceful entrance. For wherever you travel, Plymouth's reputation for luxurious styling and fine engineering has preceded you. And for 1954 Plymouth adds even more enjoyment to your motoring pleasure.

There's the eager acceleration of the new fully automatic PowerFlite no-clutch transmission, combined with the new higher horsepower PowerFlow engine, the greatest in Plymouth history. There's the ease of full-time Power Steering, the security of Power Brakes. And, as so many of America's motorists know, under the Plymouth's beauty there's solid value—value that has earned its reputation as America's best-buy low-price car.

**PLYMOUTH**

Chrysler Corporation's No. 1 Car
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On the cover:
The south side of our House of Ideas at West Hartford, Connecticut shows how well it is tailored to a typical flat site.
YOUR BARTLETT DENDRICIAN...

A local man with a national reputation

When you employ Bartlett to take care of your trees, you not only get the benefit of the reputation and knowledge of a large national organization—you get the benefit of the services of local men familiar with local conditions.

In our research Laboratories at Stamford, a group of scientists are working constantly to find better ways to protect and preserve the shade trees of America.

But the man who actually does your tree work, the man who carries out the recommendations of our Laboratories is the Dendrician. He is a trained technician, similar in his way to the professional nurse. He knows the peculiarities of his patients and is skilled in the handling of the latest remedies and specialized equipment to restore them to health.

To qualify, the Bartlett Dendrician has to meet high physical and education requirements. He is then given comprehensive training at the Bartlett School of Tree Surgery. So, when he is assigned to a local office, he has not only had a skillful training in the fine art of tree care, he has been trained so that he can be depended upon to carry out the recommendations of your Bartlett representative and put into practice the knowledge of the Bartlett Tree Research Laboratories which stand behind them.

This teamwork—the combination of local Dendricians and the men in the Bartlett Tree Research Laboratories—has proved to those critical of results that the Bartlett Way (The Scientific Way) gives the best results in the long run. Call your nearest Bartlett office for a study of your tree situation.
Are you planning to buy
or build a house?

If so, we believe you will profit by our experiences in planning and building this House of Ideas for you.

If you are planning to buy or build a house, you are about to make the biggest investment in your life, an investment in living as well as in property, one from which you can expect large dividends in the form of happiness for each and every member of your family. But to get the most dividends for your money you will have to plan hard and well ahead.

First, decide where you want to live. Discover as much as you can about the neighborhood and community. Are the schools convenient and good? Is there a shopping center with the kind of stores you like? If it's a growing community are you protected by zoning laws? Do the houses nearby enhance the value of your property? What are the roads like? (Are you likely to be assessed for new ones?) Are traffic and parking problems under control? What about the local fire department? What does your land offer besides the fine old elm trees that secretly made you choose it?

Next, ask yourself how you want to live. After all, a house is a miniature democracy and the well-being of every member of the family is what makes it a real home. Do you want a big living-dining room for informal entertaining or is your heart set on a separate dining room? Do you want a playroom with an open fireplace where your children can grill hamburgers? Does your husband look forward to a basement workshop? Are you a meticulous housekeeper or do you prefer a house that practically runs itself? Does privacy mean more to you than space? If you are the kind of person who must have a sound-proofed study with built-in files or a fireplace in your bedroom, have it by all means, but be prepared to sacrifice something that is less important to you.

This is the way we went about planning our 4th House of Ideas. We wanted it to be the best house for today's living, the most house for the money invested. But we had to make compromises and we had to tailor our ideas to a fixed budget. With more money to spend, we would have handled some details differently. We would have provided for (1) more storage space; (2) a larger kitchen; (3) a barbecue on the back terrace; (4) a roof between carport and house. But these are minor quibbles. We love the house and hope you will like it too!  

THE EDITORS
On the next 32 pages we show you
the best small house of the year.
It's our 1954

House of Ideas

Once a year HOUSE & GARDEN devotes the greater part of an issue to a
“model house” that solves the kind of living problems everyone has to
face these days. This year, we have what we consider the best small
house of the year. After studying it, you will come away with a good
deal more knowledge of how to get what you want and need in a house:
the most living space for your money; a dining area and kitchen that
simplify meals; a convenient laundry; a bedroom wing that has privacy;
year-round comfort with air conditioning; the very best equipment and
newest materials.

This House of Ideas was built on a typical flat lot in the suburban
community of West Hartford, Connecticut, but it’s a house you could
build anywhere in the U.S.A. You can’t call it a one-story or a two-story
house, nor classify it as modern or traditional. It combines the best of
both. Painted a cheerful citron yellow, it is ringed by five outdoor liv­
ing areas. Inside, it is a house with an ingenious, three-level floor plan.
You go up six steps to the living room, down seven steps to the play­
room; you cross a glass-walled gallery to a secluded bedroom wing.
There is a separate dining room, kitchen-utility room, even a “mud­
room” where the children can wash up after play. The house cost $14.04
per square foot. It has 2,208 square feet of space including 368 square
feet of basement area. Total construction cost was $31,000 without the
land, architect’s and broker’s fees and builder’s profit. That’s why it
is the best small house of the year, the most house for your money.
Judged by any yardstick, this small house offers you the most living space for your money

- 3-level floor plan gives exceptional spaciousness and light
- 5 outdoor living areas let you live all over the lot
- Three-way kitchen simplifies cooking, serving, cleaning up
- Separate bedroom living insures complete privacy
- Air conditioning guarantees year-round comfort

Planning is to a house what philosophy is to people. It is overall thinking, dealing with things in relation to each other, compromising what you want with what you can have. The major planning problem behind our 1954 House of Ideas was how to get today's greatest luxury, i.e. space, into a comparatively small house to be built on a comparatively small budget in a typical suburban community.

To get both a new feeling of spaciousness and more actual living space, it is a split-level plan. This means a house built on three levels, with only a half-flight of stairs between levels, and it gives you many advantages: a living room lifted above the line of traffic in and out and through the house; a playroom beneath it with big above-ground windows; a completely private bedroom wing; and dining room, kitchen and utility rooms conveniently located on the middle or ground level. Because of its roof-high ceilings, it also gives you a new feeling of spaciousness and an element of surprise since you can't see the whole layout the minute you enter the front door. You look up from entrance hall to living room. You walk through a glass-walled gallery to the bedroom wing. You look down from living room to dining room to playroom beneath. In addition to inside planning, there was also indoor-outdoor planning to take advantage of sun, air, site. For example, the living room is the center of the house but is circled with light on all four sides. Surrounding the house are two paved terraces, two children's play areas, a balcony off the living room. To see how this plan works and why it costs so little, turn the page.

HOUSE & GARDEN, JULY, 1954
Front of house faces north; glass panel above entrance gives added light to living room

Back of house faces south; gabled window-wall of living room opens onto balcony
Three different floor levels give you more space, more light, more variety.

Most houses have some space which serves no good purpose; the attic is small and cramped, the basement is a dark dungeon, the halls are only passageways. But all space, whether you use it or not, costs money to build. That's why it is important to study the plan of our House of Ideas. It shows a new way to arrange space conveniently and to make every inch pay for itself in round-the-clock usefulness.

If you look at the cutaway drawing, opposite above, you will see (1) how the open-raftered ceilings eliminate a cramped attic and (2) how the split-level plan eliminates a dingy cellar. Because the ceilings are the underside of the roof, there is no attic; you save the cost of building it, and all rooms gain in height. In fact, the living room reaches a soaring 16 feet! By raising the living room 3' 10'', only a 4' excavation was needed to allow for a playroom beneath it. The playroom is well lighted, has big above-ground windows and a door leading to the outside.

If you study the floor plan, opposite below, you will see that all other rooms are at ground level, logically arranged to save steps and avoid waste hall space. Through the high-ceilinged, welcoming front entrance hall, light streams into the living room. The utility room doubles as service hall and children's entrance from their play yard; at one end is a coat closet and a lavatory cabinet for the children so that they need not track through the house. Bedrooms are in a private wing, connected to the rest of the house and to a terrace by a gallery with sliding glass walls. This gallery is 7' wide, 16' long, and can be used in winter as a sun room, flower room or extra play space for the children; in summer, when sliding screens are installed, it becomes a porch. Finally, all rooms are angled for desirable exposures and so related to the site that the outdoors seems to be part of the house. You enjoy welcome winter sunlight but are protected from the hot summer sun by the wide roof overhang.

You can buy plans of this house for $2. A blueprint of our House of Ideas is now available to readers. Use order form on page 100.
Cross-section shows how house is built on three different levels. Living room is six steps up and playroom is seven steps down from dining room; these three rooms (living room, dining room and playroom) are separated because they are on different levels but flow easily into each other because there are no dividing walls. Brick chimney wall is structural and decorative; ceilings and gabled window-wall are roof-high.

Floor plan shows how you get in, out and through the house. From their play yard, children come in through utility room and mud room; they can enter and leave the basement playroom without tracking through other rooms. (Note lavatory off playroom.) Because living room is raised, it is as peaceful as an island; from it you step out to the balcony, and from there down to a terrace. Bedroom wing is completely private, on ground level. A gallery with sliding glass walls connects it with the rest of the house and opens it to terrace. Cost-saver: only excavation was simple rectangle for playroom and heater room (4 feet deep); balance of house is on a concrete slab.
The living room
is raised above the rest
of the house

- It is the hub of the house, the focal point
  for entertaining
- It has what every family wants: an open
  fireplace with music and television unit
- It has a roof-high ceiling (16 feet high)
- Balcony outside the window-wall
  adds 120 sq. ft. to the living room

There's something for everyone in this family living room. It can be your library, your music hall, your theatre, but most important it is the hub of the house where the family gets together. It's a large, open-raftered room 24' long, 16' wide and 16' high. You can see the sun or the stars through window-walls that reach up to the roof. It is free of traffic, not cut up by numerous doors and windows. The furniture falls naturally into two groupings for conversation: (1) a comfortable sofa and pair of lounge chairs in the southwest corner where you have light from a window-wall and a view of the television screen in the fireplace wall; (2) a second sofa with a magazine table is placed against built-in bookshelves at a right angle to the fireplace. (The bookshelves are actually a room-divider that screens the living room from the entrance hall.) Deep cushions and a barrel chair are grouped in front of the fireplace. These, plus a pair of simple open-arm chairs, can be moved around anywhere in the room. There is ample seating space for a dozen people. It's a pleasant room in which to entertain since it opens outdoors onto its own balcony overlooking tall oak trees and green lawns.

South end of room is a curtain of glass covered by sheer fabric for a translucent effect. Stairway next to fireplace wall leads directly to dining room for ease in entertaining.
In this all-purpose living room, the family can enjoy music, TV, books or games in a happy, relaxed atmosphere.

Floor plan shows how furniture is placed to take full advantage of daylight through the window wall leading to balcony. The arrangement of sofas, chairs and tables leaves ample space to come and go from either end of the room.

The white-brick fireplace wall is dramatized at night by five spotlights behind a deep cornice that runs the length of the wall. You can switch these lights from dim to bright. The color scheme of the living room is H&G's sky blue and white with accents of Siamese pink and bitter green. The furniture, a mixture of mellow fruitwood and sleek ebony finishes, has strong, simple lines.

Stone hearth stretching from the fireplace to the woodbox is wide enough to sit on. You could also use it as a ledge for indoor potted plants during the summer.

Conversation group of sofa and two lounge chairs in southwest corner of living room enjoys a backdrop of bright light through gabled window wall. On the other side of this glass wall is the balcony with steps to terrace.

Built-in storage unit serves as a room-divider between living room and stairs from the entrance hall. Base of unit is a cabinet with sliding doors; shelves hold books within easy reach of sofa.
outdoor living areas

let you live all over the lot

- Two main terraces at front and back, plus a balcony, link house to garden for entertaining and relaxing
- Two play areas provide space for children's games on sunny or rainy days
- Outdoor living areas are easily accessible from all three floors and all sides of the house

The two essentials for an outdoor living area are that you should be able to reach it easily from indoors and use it as long as the weather plays fair. In our House of Ideas, the five centers for outdoor living are accessible from five points around the house (entrance hall, kitchen, living room, gallery and playroom) and from all three levels. Each is screened by walls or windbreaks, and the main terrace, sheltered by three walls and facing south, extends an open invitation to the sun from March to November. On the living-room balcony (which is both breeze-cooled and protected, like the sun deck of a ship) your guests can enjoy a view while they sip cocktails. The 41-foot entrance terrace, facing coolly north, is a pleasant place to spend a summer evening, a safe spot for... (Continued on next page)

OPPOSITE

Glass-walled gallery opens onto terrace, makes it easy to set up outdoor parties

Sixteen-foot gallery (above), a modern version of the old sun porch, has space enough for children to play in winter. It separates the bedrooms from living areas. It opens the house to the terrace for entertaining. When the terrace is used for buffet parties (left), a portable bar cart, stocked with drinks and canapés, can be wheeled from the kitchen to the terrace just before the guests arrive. Terrace's overhead spotlights and convenient outlets are boons to summer entertaining.

Glass-walled gallery that opens to sheltered south terrace traps the sun, is a haven for your plants. In summer, a sliding screen can be fitted on the outer wall track. The gallery links the bedroom wing to the main living areas, giving privacy to both.

Terrace has two-way access to house, is perfect for parties. Guests descend steps (at right) from living room balcony. Hostess brings food from kitchen through the foyer and gallery.
OUTDOOR LIVING continued

(Continued) small fry to stage a roller derby. Both terraces (and the carport) are concrete and can be quickly hosed clean for easy upkeep. The carport doubles its usefulness by serving as a playroom for rainy days within eyewash of the kitchen. Each terrace and play space is closely linked to the house so that anyone in the family can come and go as he pleases without disturbing household routine. Your small son, turning handsprings in his own tanbark back yard, will never be underfoot. He can wash up in the mud-room off the kitchen entrance and go down the outside stairs to lunch in the playroom. For outdoor dining on the main terrace, you can wheel the meal from the kitchen through the entrance hall and the gallery while your family (or guests) use the steps leading down from the living-room balcony. Spotlights over the balcony and terrace (controlled by switch in the master bedroom) stretch the daylight hours in spring and fall. Because each outdoor living area has been carefully planned to make the most of the sun at all seasons of the year, you and your family can lead an open-air life for six months out of twelve in Connecticut, and even longer in warmer climates.

Steel gym is well furnished with everything a junior Superman could wish for and thanks to the tanbark play area (tanbark is the resilient padding used for circus rings) there's no hazard in falling.

From kitchen window, play space can be kept under observation. Plastic paddling pool is big attraction for summer's young visitors, run a close second by a bubble gum machine.
A playroom that can be used as a second living room is a boon to any family. In our House of Ideas, the playroom can take on an impromptu barbecue or a family musical evening at a moment's notice. For barbecues, there's a fireplace with a cantilevered hearth (a continuation of the fireplace wall in the living room above) and a buffet shelf. For family evenings, there's a spinette organ or if you feel like just sitting and looking, a portable TV set. The playroom is really a self-contained unit, perfect for small fry or adult parties. Unlike many low-level rooms, the playroom gets plenty of light from a high band of windows along the west wall. The citron-and-white color scheme makes it gay and inviting even in winter. Add to this, the easy upkeep vinyl flooring, child-proof materials and finishes on the furniture, and you have a room designed to further the relaxed way of life that is the hallmark of the American family.

Remote from main rooms, it's ideal for a first music lesson

Rugged vinyl floor stands up to ski equipment try-out
Dining room links upper and lower levels

- Dining room is only a few steps away from both the living room and the playroom
- It works well for family meals or buffet parties
- Pass-through shelf saves steps when you entertain

Are you an advocate of free and easy entertaining? Do you also prefer a separate dining room to what has been aptly called a "munching nook"? Then you'll like the entertaining plan of our House of Ideas. With a sheltered outdoor terrace, a 24-foot living room that looks sky-high, a dining room and a playroom all within a few steps of each other, it's as simple to have twenty for cocktails and buffet supper as it is to give a seated dinner party for eight. The dining room in this house is no out-of-the-way dead-end room. It's a busy halfway house between living room and playroom (linked to the kitchen with a step-saving pass-through) that can be used to the limit. In the morning, the let-down pass-through shelf becomes a breakfast bar, saving minutes for outward-bound husband and children. For parties, you can let your guests enjoy cocktails and conversation in the living room while you set a buffet meal on the dining table for them to sample at leisure. And while you entertain upstairs, a junior coke-and-hamburger session can be going on in the playroom below.

Dining room plan, above, shows six steps up to living room, seven down to playroom, and pass-through (see picture below) that links dining room to the kitchen.

**OPPOSITE**

**Refreshing background for summer dining**

A simple setting for dinner proves how good basic lines in silver, glass and china fit any entertaining mood. Here a cool background of green linen cloth, pale blue napkins and flower-ringed candles is accented by handsome sterling, glass and china. For lunch you could use linen place mats instead of the cloth and have a fresh fruit centerpiece. In this dining room, left, the pass-through to the kitchen makes it simple to give buffet parties for a large group or have a seated dinner around the table.

"Reigning Beauty" Heirloom sterling pattern. Lenox’s "Tev" china; Fostoria’s "Rutledge" glassware. Cloth, napkins by Matouk.
3-way kitchen
simplifies cooking,
serving, cleaning up

The average American housewife prepares 1,085 meals a year. In this kitchen, you can turn out any meal from pre-school breakfast to a buffet for thirty guests with a minimum of effort and without confusion. The real heart of this young home is its kitchen, which is not only a pleasant and efficient place to work, but overlooks an enclosed play yard for children. Your first impression of the room is that it is large, but you will discover that floor dimensions are quite small. This wide-open feeling is due chiefly to the high, raftered ceilings (an unusual feature of the whole house) and to the fact that every inch of floor space has been planned for maximum efficiency. Here, in a minimum of space, there is a refrigerator Freezer (cutting marketing to once a week), a double-oven range (to cut down cooking time and increase the variety of menus), an automatic dishwasher (an extra hand after meal-time) and a large pass-through (which is a ready aid for serving meals and entertaining). The steel cabinets are equipped with sliding racks, hangers and shelves for file-like precision, storage capacity and availability. A mobile chef's table on casters is always on hand where needed, replacing a stationary kitchen table. An added feature of the room is a continuous strip of electrical outlets running around the tops of the counters, permitting appliances to be plugged in at any desired spot. And to augment light from the windows during the day, (Continued on next page)
In this kitchen the whole family has elbow room to work together.

Pass-through is used as a preparation center on the kitchen side, has drop-leaf countertop on dining-room side which lowers for buffet meals, family breakfast.

Preparation for a picnic takes on added merriment in a room where many cooks don't get into each other's way. Work space has been ingeniously divided so that while one person tends the cooking, another can prepare salad or a picnic lunch in his own private area.
(Continued) or to provide adequate illumination after dark, each countertop is lighted by fluorescent tubes directly below wall cabinets. Easy upkeep is quickly achieved in this room with countertops of washable plastic, and vinyl tile floor. Taking its color scheme from the other rooms on which it opens freely, the ceiling echoes the blues of the living and dining areas, and the range and refrigerator are a soft yellow, repeated in the split bamboo curtains. The cabinets have been finished with a semi-gloss spatter paint in citron, cloud gray and white to blend with floor and counters. Utensils introduce an accent color of warm red-orange. This room has a warmth created by the glowing brass range hood, brass hardware on cabinets and the whitewashed brick wall. There is another chapter to this kitchen story which is found in the adjoining utility room. This compact area (6'6" x 7'4") houses an automatic washer, dryer and ironer to cut your laundry time in half. As a warm neutral background for the white appliances, the walls have been covered with scrubbable plastic material in a basket-weave design. An accordion folding door at one end of the room carries out the beige wall color and split bamboo curtains repeat the citron-yellow accent of the kitchen. A long counter for folding and sorting clothes is directly below the double window and next to a convenient utility closet. Since this room leads outdoors to play yard and carport, it is the general port of entry for the whole family.

Passing through the folding door you enter the room where housework ends before it begins! This is the mud-room, and a boon to mothers of small children. It contains a lavatory complete with built-in drawer space, and is surrounded by pegboard walls for stretching of freshly laundered mittens and sweaters. This is where the children tidy up before entering other parts of the house. Here, also, is where they can shed their outdoor clothing, for the family coat closet is directly opposite the washstand. A louvered door connects the mud-room to the entrance hall making it accessible from both front and back doors; because of its convenient location, it also serves as a powder room for guests, a flower arrangement center for mother.
In the House of Ideas, privacy is everybody's prerogative

Everyone, no matter what age, likes to feel there is one place at home where he can cut adrift any hour of the day with books, hobbies or only his thoughts for company. To give each member of the family the kind of privacy he needs, the bedrooms in our House of Ideas are tucked away in a separate wing under separate roof. The master bedroom is large enough to double as a sitting room with plenty of storage space and elbow room for two people. Since it has a southeast exposure, it is one of the pleasantest rooms in the house. The child's room is a combination bedroom and playroom. Everything in it from toy shelves to clothes rods is adjustable so that the room will grow up with your child. You can use the third (smallest) room several different ways: as a family study or office at home, as a guest room or as a bedroom for a second child (it shares the bath with the other child’s bedroom). In any one of these rooms you can close yourself off without feeling closed in, thanks to roof-high ceilings and lots of sunlight. Moreover, the south terrace is just outside the bedroom doors through the glass-walled gallery that is their sunroom, so you can walk in and out of doors with complete freedom.

- Master bedroom, child’s bedroom and study-guest room are in a wing of their own with all the privacy of a separate house
- Glass-walled gallery gives master bedroom easy access to outdoor terrace
- Child’s bedroom is planned to grow with his changing needs
- Study-guest room has built-in storage cabinets, can be converted into bedroom for a second child

Plan of bedroom wing shows how master bedroom, child’s room and study-guest room interlock under a single roof. This wing is separated from the main living rooms by a glass-walled gallery. Master bedroom has a terrace view and the morning sun for an eye-opener. Each bedroom has cross-ventilation and good storage space for clothes behind six feet of double sliding doors.

Walnut chests with a built-in look accommodate all the fold-away clothes for two in the master bedroom. In the center of the group is a small table with cosmetic compartment for making up in good light. Easy chairs and ottoman are ideal for relaxing.

Closet has adjustable poles that grow up with the child. Sliding door has a cork bulletin board.

Adjustable shelves for toys, mounted on brackets, turn child’s bedroom into private playroom.
Bed linens and blankets harmonize with a warm, restful room scheme. Master bedroom with its sloping roof and exposed beams takes naturally to a textured background: grasscloth on the walls, cotton carpeting, silk pongee curtains. The color accent is cerulean blue.

Child’s room is practical, and bright as a butterfly. Washable cotton materials, cork floor, metal furniture are easy to clean. Size of study-guest room is increased by using same black and white print for curtains and wallpaper. The accent colors are green and pink.
How to get the most for your money in YEAR-ROUND COMFORT

- Air conditioning gives you a perfect climate indoors year round; air can be as warm or cool, as dry or fresh as you wish.
- You cut laundering and cleaning costs, minimize colds and doctor's bills because an electronic filter cleans the air.
- Air conditioning costs (including operating expense) are reduced by facing your house south, sheltering it from north and west.
- You are free from furnace chores because air conditioning functions automatically at the flick of a switch.

The newest boon to American home life is year-round air conditioning. It plays a star part in the House of Ideas because its benefits are many for any family. It gives you much more than hot weather cooling. It literally creates an ideal climate indoors during twelve months of the year. It warms the air in winter, cools it in summer, takes moisture out of the air on muggy days, prevents air drying out when the house is heated. Better still, it cleans the air you breathe all year round, removing dust, dirt, bacteria and pollen. These are not all the advantages you gain. Air conditioning will cut your cleaning and repainting bills; you will have less dusting and housework to do, your curtains, upholstery, slip covers and rugs will have a longer life. Best of all, you and your family will have fewer colds and less illness. All of these advantages result in savings that mean money in your pocket.

How the House of Ideas is air conditioned is shown in the plan sketched below. The heart of the system is the heater-cooler unit in the basement. Here is the oil burner to feed and ignite the fuel in winter, the chamber where the fuel heats the air, the motor-powered fan which...
forces air to the rooms. Here too is the refrigerating compressor and coil to cool the air in summer. The heating and cooling units are housed in a single cabinet, separated by a center damper. (See sketch below, right.) To close off the cooling section the damper is switched to the right; this allows air to move through the heater. To close off the heating section, the damper is switched to the left. This lets air pass over the cooling coil. You control both heating and cooling from a switch in the entrance hallway which you flip from heating to cooling as you wish.

The metal ducts which you see in the plan below, wrapping themselves snake-like around the house, carry the heated or cooled air to various rooms. Since air doesn't move very fast of its own volition, a blower fan at the bottom of the air-conditioning unit takes care of that. It forces either warm or cool air through the ducts and keeps it circulating. It can also circulate fresh, filtered air through the house on fall or spring days without either cooling or heating. The ducts are embedded in the concrete slab under the bedroom wing and the dining

(Continued on page 107)

Air-conditioning system has four principal parts: (1) Unit where air is heated, cooled, humidified or dehumidified as needed, (2) unit where air is cleaned, (3) ducts through which conditioned air is forced by blower fan, (4) baseboard outlets where air is distributed in rooms. All ducts carry warm or cool air. In winter those around concrete slab provide perimeter heating; diagonal ducts warm slab for radiant heat. Ducts between floors warm living- and playroom.

Electronic air cleaner filters all air entering air-conditioning system. Electrostatic attraction (like a magnet) catches dust, dirt, pollen, bacteria, trapping it before it can get into rooms. Trion, Inc.

Diagram of heating-cooling unit shows heating area, left, cooling area, right. Damper in center, run by switch, opens up or closes off either operation. Blower fan forces air into ducts. Carrier Corp.
New equipment, new materials make this the best house of the year for convenience and comfort

Electrical equipment

Electric outlet strip, installed along baseboards, has convenience outlet every 30 inches. It lets you plug in vacuum cleaner, appliances, lamps at will. The Wiremold Co.

Master switches in main bedroom control lighting system of house. General Electric Co.

Wall switches on remote control wiring system work silently, let you light your way indoors and out: up, down stairs; across rooms. General Electric Co.

Brass fixture in entrance hall provides dramatic accent against white wall, indirect light for living room stairs. Lightolier Co.

Dimmers in living room and gallery let you turn up lights for a party, dim them for relaxation. Superior Electric Co.

Light fixtures in gallery and utility room fit flush with ceilings, give good downlight, suit low ceilings. Pryne & Co., Inc.

Ceiling fixture in master bath is room heater and overhead light. Fan in it distributes warmth from heater or, with heater off, circulates air in room. NuTone, Inc.

Floor fixtures in gallery and utility room fit flush with ceilings, give good downlight, suit low ceilings. Pryne & Co., Inc.

Interior materials

Ceiling fixture in entrance hall provides dramatic accent against white wall, indirect light for living room stairs. Lightolier Co.

Brass fixture in entrance hall provides dramatic accent against white wall, indirect light for living room stairs. Lightolier Co.

Wall switches on remote control wiring system work silently, let you light your way indoors and out: up, down stairs; across rooms. General Electric Co.

Light fixtures in gallery and utility room fit flush with ceilings, give good downlight, suit low ceilings. Pryne & Co., Inc.

Vinyl, cork and rubber tile floors, above, are used in gallery, child's room, child's bath respectively. They stand hard wear, are resilient, need little upkeep. Kentile Inc.

Rafters and ceiling boards in living room are fir, painted light blue. Exposed to view, they raise the height of the room, help give house its informal, open character.
- Pushbutton electrical equipment, like a wizard's wand, lets you control lights and appliances from any part of the house, runs heating automatically.
- Natural wood ceilings, resilient floor materials are long lasting, need little care or repair, cut down your household chores.
- New windows and doors have new advantages; windows open up a whole wall, a door becomes a wall partition. Both give new convenience.
- Bathrooms and lavatories are prettier and more practical. Counter cabinets and wall cabinets double your usual storage space, heater warms your towels.

Windows and doors

Accordion door can be closed to separate coat closet, lavatory from laundry or open to create mudroom. New Castle, Products, Inc.

Sliding doors, at left, aluminum framed, reach from floor to ceiling; open gallery to terrace. Panaview. Wood sash operate sidewise on wood tracks. General Woodcraft Company.

Stock sliding steel doors were used on all clothes closets. They are lightweight, fireproof, easily opened. Door in boy's room is covered with cork. American Welding Manufacturing Co.

Bathroom equipment

Prefabricated countertop lavatory in mud-room, left, has storage drawers and compartments, plastic counter. Toledo Desk & Fixture Co. Medicine cabinet has sliding mirror doors, includes overhead light, double storage space. Miami Cabinet Division, Philip Carey Manufacturing Co.

Radiant glass heater warms bath and towels. Continental Radiant Glass Heating Corp.
Built-in cabinetwork

Counter cabinet in master bathroom stores towels, bulky medical supplies, a sun lamp. Counter has easily cleaned plastic top.

Linen closet is sized to hold linens, sheets, towels, and is located within a few steps of all bedrooms and both bathrooms.

Hinged shelf in wall between kitchen and dining room lets down as counter for buffet service or quick breakfast. It also serves as door of pass-through, closes kitchen from adjoining dining room.

Exterior materials

Exterior materials of house were chosen for long life and good looks. Roofing is composition material in white finish to reflect heat in summer. Copper flashing edges the roof. Walls of house are vertical boards of redwood with V joints and are painted House & Garden's citron yellow.

Terrace is poured concrete in block pattern. Translucent plastic panel, above, acts as windbreak for carport but lets the air circulate around it.
Summing up: What we learned from building this house; what to do to fit it to your needs

Like raising a family, building a house is not without its disappointments as well as its rewards. We experienced both. In order to stay within our budget we had to give up a number of coveted extras: outlets for the music system on terrace and in the master bedroom; more mud-room facilities; more built-ins and more storage space through the house. On the other hand, we were delighted to get so much “house” for our money and to find that the three-level plan worked even better than we had anticipated. We have listed below, left, what we would have added to the house if the budget had been larger. Below, right, we have listed what could have been eliminated to cut the actual construction cost without detracting from the livability of this house or from its basic plan.

How to add to this house

RADIANT HEATING COILS under the carport, front terrace and drive to melt snow, save shoveling. TRELLIS over front terrace between house and carport with translucent plastic panels for weather protection over front and kitchen doors. ADD STORAGE WALL all along east side of carport for bicycle, garden furniture, trunks, dead storage. INSTALL TRANSLUCENT PLASTIC PANEL between posts on west side of carport to screen it from terrace. ENLARGE MUD-ROOM FACILITIES to include a toilet and more storage for children’s paraphernalia and for cleaning supplies. INSTALL SPEAKERS on rear terrace and in master bedroom to pipe music by remote control from living room radio and record player. BUILD COUNTERTOP BARBECUE on rear terrace and storage cabinet for dishes and outdoor eating utensils to save steps to kitchen. EXTEND MASTER BEDROOM 3 or 4 feet at rear wall, enlarging room sufficiently to add two 4'-long, back-to-back closets for extra clothing. INSTALL ZONED HEATING with thermostats in both bedroom and living room wings to give each wing separate temperature control. ADD BUILT-IN CABINETS in basement playroom. Floor-to-ceiling cases along inside wall can hold card tables, games, miscellaneous storage. A FOURTH BEDROOM could be added by closing off most of gallery glass wall and building the additional rooms over the terrace.

How to cut costs

SUBSTITUTE A PAIR OF STOCK FRENCH DOORS for sliding floor-to-ceiling glass panels in the gallery and enclose rest of wall saving approximately $250. ELIMINATE MASTER BEDROOM and bath, reducing bedroom wing to two front bedrooms and bath. Cut gallery from 7' to 4' in width. This would take 300 square feet of space from the house and save at least $4,000. SUBSTITUTE ASPHALT or asbestos shingles for special heat-reflecting roof material and save about $1,000. OMIT RESILIENT TILE as finish of playroom floor and let concrete slab serve. This could save $240. Or buy tile and apply it yourself. OMIT SPECIAL DIMMER CONTROLS for lights and remote control wiring system, use ordinary wiring. INSTALL WOOD instead of steel sliding closet doors. POSTPONE BUILDING OF CARPORT and garden workshop until the future. ELIMINATE BUILT-IN STORAGE CABINET between front hall and living room, also living-room music wall. ELIMINATE OVERHANGING BALCONY outside of living-room window in building house and add it later. SAVE COST OF LABOR in constructing concrete terraces at front and back of house; pour concrete blocks yourself or substitute grass terraces at front and back of house. INSTALL HEATING SYSTEM for winter, eliminating summer cooling equipment and electronic air cleaner. Cooling equipment could be added later.
How to plan your FIRST GARDEN

Here is what you can do right away to make your home as livable outdoors as it is inside

To speed you on your way to the fun of gardening for the first time, surround yourself with pot plants. They give you quick color. They're kind to your budget. They're easy to care for. They let you change the complexion of your terrace, balcony, dining table or lawn, at a moment's notice. Perennial beds and annual borders can wait until you know what kind of permanent landscape you'll want for your new home. Meanwhile, in the busy rush of getting settled, for entertaining or simply for the enjoyment of fresh blooms, invest in a low-cost portable color scheme to brighten your immediate outlook. Make a family party out of the day in which you plant your first shade tree. Join forces in planning your first, easy-to-build work frame as headquarters for geraniums, petunias, begonias, ageratum, ivy and herbs in pots, or whatever you fancy. Keep the old adage in mind of 'a place for everything, and everything in its place,' and use a pegboard wall in the garage for a starter set of garden tools. Construct a couple of shelves, a sliding potting bin along a work counter for the 'green thumb' relaxation of learning the feel of plants, the warmth of putting with your own earth. All these ideas are what you can begin your first gardening year with, and no waiting. Your future landscaping will grow as your plan of living in a new house develops, the trees and shrubs, the vines and evergreens, the ground-covers, kitchen garden, roses, herbs and the rest.

No magic carpet can spread these around a new house overnight. But you will be well on your way to a satisfying first garden if you follow the suggestions on these four pages. On this page is the work-and-storage-center, essential to any well run garden.  

(Continued on page 110)
This is how you landscape with pot plants

1

Start with a plant frame to hold a supply of flower pots for color now and in the future. This one is so placed that you can work all around it; small enough (3 by 8 feet) so that you can reach to the center without getting into it; large enough to accommodate any size pot you'd want to carry, and dozens of them. Removable slat shades are provided, with a light portable rack, to protect plants from the beating rain or too-hot sunlight in summer.

2

One of the chief advantages of this plant frame is the fact that many kinds of flowering and foliage plants may be gathered together for convenient servicing when not being put to actual use around the house or terraces. Here pots that need it get routine application of soluble plant food in one convenient operation. Pots themselves are bedded in peatmoss, which is kept moist, helps keep plant roots cool, permits maximum flexibility in grouping plants for shade or sun as the condition of buds or blossoms, stage of growth, type of foliage demand. Potted annuals go here, too.

3

All maintenance steps are simplified with such a plant frame as this, including spraying or dusting for insects and diseases. (It is easy to remove temporarily any plants whose flowers might be damaged by sprays.) Watering is, of course, literally child's play, as there is never need for 'sharp-shooting' here; any excess that runs over pot-rims goes into peat-moss bedding, which should be kept moist anyway. Watering may be done as the professionals do it, with an open hose and a well-placed thumb. Plants shown here are mixed group, only a few of those which the summer parade would offer, including geraniums, hydrangeas, azaleas (early), fancy leaved caladiums, tuberous begonias.
Taking inventory is easy and efficient. After roll call, plants desired for special use, or special locations about house and terraces, are selected and placed in garden cart.

Landscaping with pots is not too fanciful a phrase for what you can do with this seasonal kind of garden assembly line. A few small bursts of color in just the right places can create a new landscape every day. Clipped yews around terrace and balcony are accented by holly and andromeda.
This is how to landscape your lot with a
STEP-BY-STEP PLAN
With these landscape ideas as the basis of your plan, you can make it as simple or complete as your budget allows.

**Plan your boundary planting to give you privacy.**

**Develop a sunny corner for cutting garden and work center.**

**Circle a big tree with a spring bulb garden.**

**Make a good rose garden fit into the landscape.**

**Fill a shady nook with a collection of wild flowers.**

**Plant a terrace screen without shutting yourself in.**

You've got three quarters of an acre of land and a wonderful new house—and you are going to live there for a long long time. If you are like most young families today who have just built a new house, you not only don't have a real landscape plan—you don't even know what kind of a plan you want. That is why HOUSE & GARDEN suggested pot plants as a first garden. That is also why we asked Joan Griswold, landscape expert, who saw the House of Ideas grow in her community, to suggest a comprehensive landscape plan for step-by-step development. Here it is, spread out in a birdseye view on the opposite page and in three detail drawings at right. Some of Mrs. Griswold's suggestions are basic landscaping: the simple yew hedges outlining the living terrace and balcony, for example; the entire boundary planting; and the garden beneath the oaks at #5. Some come under the head of active hobby gardening, as the cutting and rose gardens (1 and 3 on birdseye view), the

(Continued on page 110)

**Screen of white pines**, mixed evergreen shrubs dominate distant view in the far corner of the grounds (#4), south of the living terrace. At their feet is a carpet of wild flowers including primroses, trout-lilies, dutchman's breeches, day-lilies, right foreground.

**Roses catch the sun** in a simple curving bed (#3) that faces west and may be seen from dining room, living room, balcony, gallery, terrace and master bedroom. It could be bigger or smaller, here would hold about 3 dozen hybrid tea plants or 4 dozen floribundas.

**Bulbs around an oak** form a lovely focal point (#2) from living rooms or terrace in early spring. Where grading suggests, a sitting wall doubles the interest. Ground covers in shady summertime will follow such bulbs as daffodils, species tulips, earlier kinds.

**Step-by-step landscaping** requires a goal from the beginning, but without inducing an unfinished look at any stage of the proceedings. In photographs on preceding pages, the 'architectural' planting of yews around terrace and balcony has been shown. Here, opposite and above, are all the steps of a flexible landscaping program—for a year, five years or ten, a lifetime. The house (rear is shown in drawing), fronts toward north.
The state of Connecticut is a strongbox of our most American characteristics. From the very beginning, it was dynamic, self-reliant and resourceful. Out of its early struggles for existence with the Pequot Indians, for sustenance from the stony soil, and for independence from England, it emerged as one of the most self-sufficient of the thirteen original states. In this respect, it has not changed. Connecticut has never lost its spirit of independence. Although it is known as the land of steady habits, reluctant to change, Connecticut has actually turned from agriculture to shipping to industry, to meet the changing demands of a growing population. Since 1900 the population has more than doubled (2,097,219 today) and the state is continually called upon to fit newcomers into its way of life. Threaded with excellent highways and wide open to Long Island Sound on the south, it has miles of streams and acres of parks that make it a favorite with vacationers. Greener fields, plus the fact that there is no state income tax, have lured many New Yorkers across the state line to become Connecticut squires. Because Connecticut offers a good way of life, we chose it for our 1954 House of Ideas. Here, a family can live well, look forward to a bright future.

**Connecticut is a way of life**

Today in Connecticut, elm trees and tall buildings may rise to change the skyline, but the church steeple continues to dominate the town. First and foremost public building on every village green, the church was also a meeting house. Its spire was the one thing to which the independent colonists bowed. Today it is both a reminder of the past and an inspiration for the future. On the opposite page, the spire of the Congregational Church rises above the village of Old Lyme. Children, right, follow a tradition that taught the scriptures as the best defence against the devil.
The Connecticut River is the state’s main artery

Rising in New Hampshire’s Lake Connecticut and slicing through Connecticut to the sea, this river traces the history of the state. Sailing up it, a Dutch navigator, Adriaen Block, “discovered” Connecticut in 1614. Later, it was the route to outside markets for surplus crops and products. Although it may look peaceful, shoal water and flood tides have given the people an eternal struggle, so the river has helped to mold the solid Connecticut character.

CONNECTICUT IS A WAY OF LIFE
continued

The town meeting is the voice of the people

The town meeting was a Puritan experiment abandoned by many states when towns turned to industry and became unwieldy. It is still a strong factor in Connecticut life. When a new school is to be built or a road improved, the people, not their representatives, make the decisions. The importance of the individual voice harks back to the state constitution of 1818, which provided for a balance of power in favor of the people through a strong legislature. (One of the oldest state constitutions, it has been amended but remains the law.) Connecticut believes in educating its citizens so they will be prepared to speak their piece in local affairs, shoulder their responsibilities in our national democracy.
Since Colonial times, education has been one of Connecticut's first concerns. As early as 1650, a General Code made elementary schools and Latin grammar schools compulsory. A college for the colony, which became Yale University, was founded in 1701. Privately owned academies mushroomed as the demand for higher education increased. Public high schools were built to take care of an expanding population. Today, a public school system of 699 elementary, 91 high, 35 junior high and 12 vocational schools is proof that Connecticut cares about the quality of its growing population.

*Good schools make good citizens*
Shopping centers bloom
in the new suburbs

Streamlined department stores and super markets are a far cry from the old general store on the village green, but they have come about because Connecticut's cities are spilling over into the suburbs. The mechanical skill of the people, coupled with Yankee ingenuity for discovering new customers for their products, has made this a state of opportunity in industry. Hartford, largest city in the state as well as state capital, is a financial-industrial center, the insurance hub of the U.S.A. West Hartford, home of our House of Ideas, is a typical growing suburb. Here, near the site of the first Dutch trading post in the state, are a 20th-century shopping center, good schools (a new one is going up two blocks from the House of Ideas), bus transportation to Hartford and a park with tennis courts and play areas. These factors are making West Hartford an attractive place in which to live.

Old village streets remain largely unchanged

Connecticut is etched with streets like this one in the old river town of Essex. Its stately, shuttered houses set back on close-clipped lawns are reminders of the days when merchants made their fortunes by river and sea. The house is the yardstick of the Connecticut character. It may be a simple Colonial farmhouse or a modern split-level house in the suburbs, but it is apt to be unpretentious. Pride of home ownership prevails, and houses old and new reflect the constant care of their owners. Picket fences, strung throughout the older towns, are a reminder of the Connecticut philosophy that good fences make good neighbors.
Decorate with String

Use twine for a summer curtain for your sun porch

To give a light, free-as-the-breeze air to a playroom or sun porch, veil the window with lengths of 1/4" natural twine sewn at the top onto a heavy tape fastened to the traverse rod. Tie fisherman's lead sinkers to ends of twine to weight them marine fashion.

If you've ever watched a fisherman making a net or a weaver working at his loom, you know the fascination of seeing pattern and texture grow like magic before your eyes. That's the fun of decorating with string: in a short time you can have a curtain, screen or lampshade which has sprung from a ball of twine and a little ingenuity. It's an economical way to give your home a light, bright and airy look, as you can see from the ideas on these pages.

String and twine are inexpensive and easy to work with. They can be colored any shade you want by dipping them, in hanks, in vegetable dyes. String of ordinary thickness is used for small objects such as lampshades. You need heavier twine for curtains or screens. Rope is best for items that will be used outdoors. Two simple knots, the overhand knot and the square (or reef) knot are all you need to use when tying string or twine.

Use twine for a bright window shade

Be your own designer and weave a slat blind from wooden dowels fastened together with gold cord and natural and colored sisal twine. Use different weights of twine and three thicknesses of dowels to give texture contrast (see instructions on page 101).

Make a cage of string to support your vines

Grow your vines in a plant cage with a pennant on top. Natural string, tied at the top to a notch on the central pole, suspends a child's hoop and is fastened to a small metal ring sunk in the earth around the base of the pole.
Add color to a plain white shade with string

Over a plain white cylinder shade goes a crinoline (it’s a drum shade frame, attached by wire) of colored string. Knot strings to frame, ½” apart; glue knots.

Use rugged rope to make a perfect door mat

There’s no trick to this rope mat. Coil ½” natural rope and tie each strand to the next with scarlet string, using an overhand knot. Secure outside knots with glue.

Stretch twine on a wood frame to make a screen for the porch

Rope off a corner of the porch with a screen like a huge fishing net. Fix screw eyes a few inches apart on a frame of natural 1” x 2”. String natural ¼” sisal twine diagonally from top and sides. Knot intersecting twines, slipping pierced 1” wood balls over them at intervals. Tie twine ends at frame bottom and sides.

Make a plant container with rope

Show off your pet plants in an attractive, textured cachepot. Wind ¼” sisal rope around a 3-gallon can or small bucket and stitch the strands securely together.

Make a string room divider that lets in light and air

To divide a room without giving it a shut-in feeling, weave in open plaid on a black-painted frame of 1” x 2” punctuated at regular intervals with groups of two and four screw eyes. Tie heavy and light thicknesses of brown, black and natural twine to the screw eyes in horizontal and vertical lines to form the plaid pattern.
Summer decorating scrapbook

Cool ideas for a vacation at home

No matter what the weatherman predicts, you don't have to leave home to enjoy a pleasant summer. For this is one season of the year when you have an excuse to relax, wherever you are, and pare your housekeeping down to the minimum. What place could be better than your own back yard for sunbathing, sipping a long frosted drink or having a barbecue by torchlight? There are a dozen ways that you can make your house a cool oasis to turn to when you’ve had your fill of the outdoors. Store away all the bric-a-brac that demands regular cleaning and put your winter curtains and rugs into mothballs. You'll be more comfortable underfoot with straw matting or just a plain, well waxed wood floor. You don't have to change your entire color scheme to make your rooms look fresh and cool. Often, one touch of cool color is all you need: a sofa, chair or pillows slip-covered in bright linen or chintz can change the temperature of a room; green plants will give you a feeling of the outdoors; a sheer white curtain is frosting for windows. We've collected for you a few ideas (shown here and on the next three pages) to make rooms lighter and brighter. Some involve only a switching around of furniture. Others are more ambitious, but all of them are keyed to one theme: a cool look for your home.

Strawberry colors will help to brighten an inside hall

If you’d like to lighten the look of your entrance hall and use it for dining, the answer is to hang bright fresh wallpaper. Here three walls and a screen room-divider were covered with a vivid strawberry print on a white ground. As a cool and practical note for summer meals, you could slipcover a couple of chair seats or an ottoman with white washable plastic. You could paint plain wood chests strawberry pink and use them for storing your table linens.

To create garden freshness indoors, add green thumb touches

Any room opening to the outdoors can be turned into a garden room. Here, big tubs of plants, a strawberry print on wallpaper and cafe curtains and wrought iron furniture that can be used indoors or out help to link the house to the garden. Mint-green felt cushions combine outdoor color with indoor material. Hardly vinyl tile floor is easy to keep clean. White woven slat blinds and a peeled sapling fence give the room privacy.

Antique porcelain stove by Frederick P. Victoria. Shopping information, page 101.
Why don't you change the season in your living room?

You can make the same old living room look and feel cooler in summer by changing to lightweight materials. Instead of glass curtains and over curtains, why not hang a single pair of sheer, full curtains on each window from ceiling to floor? (It's easy to make them yourself; see page 82.) In this white-walled room the curtains are made of nylon (it won't wilt) embroidered in scarlet strawberries. The sofa is slip-covered in a strawberry-patch chintz and accented by deep pink pillows, a Siamese pink cotton area rug. Cool pink linen, a summer perennial, is used on the chaise longue.
Are you making the most of your sun porch?

A sun porch cleared for hot-weather living can be the most useful all-purpose room in the house: a cool and practical family room for TV and light meals, a bed-sitting room for overnight guests. Make it look invitingly light and gay by using straw mats on the polished floor and bamboo blinds on the window-wall to screen out the sun. For dining, you can cover a card table with a round folding top and a cloth of washable chintz. Here, wrought-iron sofas with foam-rubber cushions and zip-off covers of green sailcloth serve as seats for TV-viewers or beds for guests.

Does your bedroom keep you cool?

You’ll get more sleeping comfort from your bedroom in summer if there’s plenty of space for the air to circulate, so take up the carpet and have just one small accent rug. Change the dust ruffle to a tailored one of crisp striped chintz to give the bed a clean-stripped look. Here a single chintz was used throughout the room to slip-cover a chair and for full-length and café curtains (you might adopt the café curtain idea, rather than glass curtains, to screen the lower half of your windows for summer privacy, leaving the upper half open for light and the view.) To make your bedroom look as fresh as the garden you can keep flowering plants in one corner of the room and echo the color with a framed flower print on the wall.

For information on fabrics and floor coverings, write to H&G Reader Service.
Next month, we will take up
the answers to different
types of curtain problems

It's easy to Make your own curtains

Take a short cut with these aids

If you've been afraid to tackle the job of making your own curtains, you're apt to change your mind when you realize how easy it can be. Perhaps you didn't know about the new permanently stiffened tape that forms any kind of pleated drapery heading (box pleat, cartridge pleat, pinch pleat), or the new shirring tape with draw strings that gathers sheer curtains to any desired fullness. You can stitch a pair of curtains on your machine in an afternoon, and the only hand sewing you will have to do is tack the weights into the hem and slip-stitch the ends (less work than putting a hem in a dress). With the new pleating tapes, the headings flatten out for easy ironing and can be repeated in a few minutes. When it comes to hanging curtains, there are hooks, rods and brackets for every style. For draw draperies you can buy traverse rods in four different sizes, adjustable from 28 to 48 inches, 48 to 86 inches, 66 to 120 inches, and 86 to 150 inches for a window-wall. These rods slip into brackets that can be screwed into the window frame or the wall. If you want to hang curtains from ceiling to floor, wall to wall, you will need another device for holding the brackets securely. For this purpose, you can buy wood blocks with special permanent glue that sticks to the plaster, pre-drilled for the screws. If you want to make café curtains, you no longer have to sew on each brass ring individually because there are clips that work like sugar tongs, gripping the points of the curtains (and releasing them for laundering). You might also like the braided heading with self-loops that slip over the rods. Brass rods are available now, in different lengths to fit any window. There is also a new type of spring end for attaching rods inside a window frame or on a slippery tile surface. There are many advantages to making your own curtains. Obviously it is an economy. You can create your own curtains and draperies inexpensively to solve any window problem. You'll discover that making them yourself will bring real personal satisfaction and pleasure.

Follow these directions

ESTIMATING YARDAGE. Visualize the area you want your curtains to cover and take the exact measurements. It's a good idea to place the curtain fixtures beforehand and figure the length from the top of the fixture. Add to the length about 9" for heading and hem. If you use one of the new stiffened tapes for the heading, you will only have to allow about 5" for heading and hem. (If you are using lightweight curtain fabric and want a double 6" hem, add 3 more inches.) The weight of the fabric determines the fullness. Sheer curtains should be quite full, at least twice or three or even four times the width of the area you are covering. In the case of heavier fabrics, you will need from 1½ times to twice the width. Once you have these figures, you can decide how many yards of material you need, depending on the width of the material. If you choose a printed fabric, you will have to allow more yardage for matching, in proportion to the size of the repeat, but the salesperson will help you. The allowances we have suggested will assure you enough fabric for well-spaced pleats.

PREPARING THE FABRIC. If the fabric you choose is not pre-shrunk, you can either wash it before you make the curtains or put a tuck in the curtains under the heading. You should also straighten your fabric before you go to work, since the warp and (Cont'd on page 98)

*If the material is not pre-shrunk, allow 1" to 2" per yard for shrinkage.*
These are the new decorator aids for curtains

1. Shirring tape with sew-on hooks
2. Stiffened tape designed for flat rods makes pinch-pleated heading
3. Pin-on hook for lightweight curtains
4. Safety-pin hook for traverse draperies
5. Slip-on hook for heavier materials
6. Braided heading for café curtains
7. Stiffened pleating tape has woven pockets for hooks
8. Four-prong hook does the pleating
9. Wall bracket supports traverse rod
10. Adjustable traverse rod
11. Bracket for flat rod
12. Bracket for large round rod
13. Bracket for smaller round rod
14. Black flat rod
15. Large extension rod for café curtains
16. Smaller extension rod
17. Brass rod available by the foot
18. Spring ends for inside window frame
19. Café clips for round or flat rods
20. Weighted tape for heavy draperies
21. Sew-on corner weights
22. Weighted cord for sheer curtains

CURTAIN HEADING MATERIALS
FIXTURES FOR HANGING
WEIGHTS FOR HEMS
There's no better antidote for midsummer heat than

Fresh green leaves

Foliage does more than present a relief from the hot colors of many a summer garden. It actually lowers the temperature of the surrounding air. It does this partly by turning back the sun from the ground; partly by evaporating water vapor.

Plants are among the most efficient and tireless pumps in the world. From the tiniest seedling to the mightiest tree, the method is the same. Water is drawn in from the soil through the roots and circulates through the active tissues of the plant. The excess is expelled through the leaves. That is one of the reasons why you may have noticed that even before passing into the shade of a great tree you begin to feel cooler. Perhaps you have laid it to anticipation of the shade just ahead, and rightly. But the actual lowering of the air temperature as well is real and measurable.

Everyone is conscious of the power of green, as a color, to level out the peaks and valleys of more positive shades. Green is the mother color of nature. No wonder it can quell the strident reds and yellows, the bold purples with which too many flowers in the sun sometimes overwhelm us. For this kind of cooling effect, the presence of foliage overhead is not necessary. Leaves wherever our eye might otherwise be plagued by too much hot color are the answer, at eye level, in sunny corners, on walls and fences, in the flower border, and, of course, underfoot. Here, closer to the eye than most tree canopies, (Continued on page 105)
Deep shadows are trapped by tufted cryptomeria in this seaside planting. Left, an Irish yew; around arch and fountain, climbing roses, bayberries. Garden of Mr. and Mrs. Edward Ballantine, Martha's Vineyard.

Right

Leafy patterns hang in air, drift above ground in a woodsy setting. Dining terrace, screened porch gain privacy and shade amid dappled sun. Garden of Mr. and Mrs. L. A. Stevenson, Houston, Texas.

Fern fronds give an airy, see-through effect against large rhododendrons. Birches accent the clean, cool outlook. Garden of Mrs. R. Boyer Miller at Wenham, Mass.
Every hot-weather garden needs a White-flowering shrub

Use them to soften strong colors, fill boundary gaps, cool walls, yards and terraces, and provide you with pleasant autumn foliage.

In virtually every summer garden the need for relief from hot, strong color in borders and cutting beds can be met by planting white flowering shrubs. Those we show you here will bloom from late June to frost. Of this reliable quintet, clethra, or summersweet, opposite, above, is a most solid performer. You can plant it for a cooler outlook, use it to fill in bare gaps almost anywhere in your garden. This workaday performer is what plantsmen call a good 'furnishing shrub' and should be a basic plant in the collection of every knowledgeable gardener, Clethra alnifolia (you may also know it as sweet pepperbush) was transplanted as early as 1750 by Colonial gardeners from moist, open woods into New England dooryards. The flower spikes of tiny, white, very fragrant florets (a target for the bees) grow to 6" long, blooming from late June throughout the summer. It is hardy from Maine to Florida, and the North Central States, and reaches a height of from 5' - 8'. Fast growing, upright in form, clethra thrives in sun or shade, wet or dry soil. In autumn sunlight the foliage turns to a pleasing yellow. Another virtue of this (Continued on page 111)
Myriad white spires against luxuriant but unspectacular soft green foliage make clethra a welcome filler shrub to soften and cool the summer border, in sun or shade.

Orange centered blooms on upright branches serve to distinguish the stewartia from other white summer flowers. It makes a fine specimen to catch the eye, a good mixer too.
This delicious south-of-the-border fruit (originally a favorite of the Aztecs) lends subtle flavor and texture to appetizers, soups, salads, entrées and desserts. Try these unusual recipes by Ethel M. Keating

**Avocado-bacon spread**

Mash a ripe avocado with a silver fork; beat until smooth and velvety. Blend in salt, freshly ground pepper and lime juice to taste. Just before serving fold in crisp bacon bits. Serve on tiny squares of pumpernickel bread.

**Avocado appetizer**

Cut avocados in halves; do not peel. Place on individual serving plates and garnish with watercress. At the table pass hot sauce:

**Hot sauce**

\[
\begin{align*}
\text{1/2 cup butter} & \quad \text{1/4 cup chili sauce} \\
\text{1/4 cup wine vinegar} & \quad \text{3 tbsp. sugar} \\
\text{Salt and freshly ground pepper} & \\
\end{align*}
\]

Mix in top of double boiler. Serve very hot in a pitcher.

**Cream of avocado soup**

2 ripe avocados
3 cups rich chicken broth
1 cup heavy cream
2 tbsp. sherry wine
1 avocado, diced
Whipped cream

Mash the 2 avocados and add to the chicken broth. Slowly bring to the boiling point. Add the cream and bring back slowly to the boiling point, but do not boil. Add the sherry. Place a tablespoon of whipped cream which has been salted.

**Avocado balls or cubes**

These are interesting in chicken broth. Cut small balls with a French cutter or cube the avocado. Place in bouillon cup and pour the hot broth over them.

**Baked avocado with crabmeat**

4 avocados
2 tbsp. butter
1/2 cup chopped mushrooms
2 tbsp. flour
1 cup light cream or top milk
1 tsp. salt 1/4 tsp. white pepper
Dash of sugar 1 egg yolk
1/2 cup chopped ripe olives
2 tbsp. sherry wine
1 lb. fresh lump crabmeat
2 tbsp. butter Parmesan, grated

Cut the avocados in halves; brush the exposed areas with lemon juice and place in a shallow baking pan containing 1/8 inch hot water.

Sauté the mushrooms in the 2 tbsp. butter for 4 or 5 minutes. Sprinkle with the flour and add the cream. Cook, stirring constantly, until thickened and smooth. Season with salt, pepper and sugar. Add the egg yolk, chopped olives, sherry and the crabmeat that has been tossed in butter for 5 minutes. Fill the avocados with the crab mixture; top with freshly grated Parmesan cheese. Bake in a preheated oven at 325° F for 20 minutes or until thoroughly heated.

**Avocado Hollandaise**

Cut avocados lengthwise in halves; do not peel. Remove seed and season with lemon juice, salt and pepper. Place in a shallow baking pan with 1/2 inch of hot water. Bake at 325° F for 10 minutes. Place in the center of each a poached egg and cover with Hollandaise sauce to which a little orange or tangerine juice has been added. Place under the broiler to brown. Serve immediately.

**Hollandaise sauce**

In a small saucepan beat with a wire whisk 2 egg yolks and 2 tbsp. of cold water. Cook, holding the pan off the fire several inches, and whisking continuously, until the mixture is thick and creamy. Remove from the fire and slowly beat in

1/4 lb. butter, melted. Add 1 tbsp. lemon juice and 1 tbsp. orange or tangerine juice. Season with salt and pepper.

**Stuffed avocado rings**

1 large ripe avocado
3 oz. cream cheese
1 1/2 oz. Roquefort cheese
2 tbsp. lemon or lime juice
3 tbsp. chopped salted almonds
3 tbsp. chopped ripe olives
1 tbsp. finely chopped chives
Salt and paprika

Peel the avocado and cut in half lengthwise; remove the seed and if the cavity is small remove a small amount of the meat carefully with a teaspoon.

Mash the cream cheese with the Roquefort and blend in the lemon juice, almonds, ripe olives and chives. Season well with salt and paprika. Fill the avocado halves and replace together. Wrap tightly in waxed paper or aluminum foil. Refrigerate for several hours. At serving time cut crosswise in rounds. Place around a mound of grapefruit sections on a large salad plate. Garnish with watercress and small bunches of black grapes. Serve with French dressing that has been thoroughly beaten with a small amount of mashed avocado.

**Bing cherry ring with lobster-stuffed avocados**

1 No. 2 1/2 can Bing cherries
2 packages orange gelatin
1 cup pecans 1 cup Muscatel

Drain the cherries; add water to the cherry juice to make 2 1/2 cups. Bring to the boiling point; pour over the gelatin and stir until dissolved. Cool. Add the cherries, pecans and Muscatel wine. Pour into a 1 1/2 quart ring mold. Chill for at least 4 hours. Unmold on a large serving platter. Surround with avocado halves stuffed with lobster salad. Garnish with watercress. (Continued on page 107)
How much silver do you need?

First consider the way you entertain, the type of meals that you serve, then choose your silver accordingly.

Moving into a new home provokes new ideas, perhaps so numerous that there is a resulting state of confusion. Nevertheless, this is the time to make changes—decisions, even in ways of living. The big problems are eliminated first. Furniture, suitable to the house and the habits of its occupants, is purchased. The questions of color are settled by the color of the house, or by the color in your mind if you are going to purchase silver that is entirely functional. For example, you must consider the pieces you already have, or not, use a variation of design whenever possible. Demi-tasse spoons and salad forks that depart from the general pattern make a refreshing change. This is a problem that will have to be decided by the individual. Dinner-size flatware is correct for any occasion. Some prefer it for its weight and size. Today, the sales records of stores indicate that the luncheon place setting is the popular choice. It is perfectly possible to buy a combination of both sizes, but this plan requires some thought. Some manufacturers (Gorham, Towle, Reed and Barton) offer a compromise in the size of knife, fork and spoon. This size is called 'place'. Its dimensions are between those of the dinner and luncheon flatware.

Although most of us like to have the assurance of a basic rule, there cannot be a stated one for the purchase of silver without some knowledge of social and economic conditions. The following suggestions are for a couple who have been married for eight or ten years. They plan to entertain frequently in their new house—buffet suppers, informal parties and sit-down dinners.

The big problems are eliminated first. The big items are considered—the silver, china and glass. Starting with silver, think of these problems one at a time.

Silver does represent a form of investment. A new, and probably larger, home means entertaining on a larger scale. It would be unusual if the hostess possessed all the silver necessary for future plans. She may have a matched set of flatware for eight. Or, she may have the same number of pieces representing a composite of antique, Victorian, and 20th century designs. In either case this amount will not be adequate for parties. Sometimes it is difficult and expensive to duplicate silver. It is certainly not economical to discard old pieces in order to start a completely new matched service. Besides, why must all silver be matched? There is no rule of etiquette or design that demands such monotony. Great charm may be obtained by combining certain patterns; one often enhances the other. 'English Antique' (Reed and Barton), 'Fiddle Thread' (Frank Smith), and 'Continental' (International) are good mixers.

Any one of these simple designs makes the intricate engraving on Victorian silver appear sparkling light. The fortunate owner of mid-18th century American teaspots will be pleasantly surprised to see them beside a simple, modern design. Antique silver does not have to be used with pieces of the same design. The best of any period is compatible, providing the designs are not too ornate. An undecorated surface of silver will emphasize the beauty of craftsmanship in engraved or chased surfaces. Engraved lines are cut into the metal with a sharp tool. Chased motifs resemble relief sculpture; they are hammered or chased into shape on both sides of the metal. The steel chasing tools mold the metal; they do not cut. Some other patterns that will combine agreeably with those of the past are '1810' (International), 'Silver Rhythm' (International), 'Nocturne' (Gorham), 'Reigning Beauty' Heirloom Sterling (Oneida) and 'Modern Classic' (Lunt).

There are a few points to keep in mind if you are going to purchase silver for the first time. Simple or 'plain' designs are not dated. They will satisfy the owner for a lifetime, also fit into any style of interior decoration. Whether you must consider the pieces you already have, or not, use a variation of design whenever possible. Demi-

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How to repair the outside of your house

Like the mailman on his rounds, the outside of your house is exposed to rain, sleet, sun, snow and temperature changes. Year after year it takes a terrible beating. So every homeowner should keep a weather eye out for wear and decay, and make repairs at once in the interests of his own well being and bank account. Delay can only mean greater damage at greater cost.

If the repair job takes you up on the roof, temper your enthusiasm with common sense and caution. Get acquainted with your ladder whether it is wooden or one of the new magnesium or aluminum models. These are light in weight, strong, and easy to handle than the heavier wood models. There are step ladders, straight ladders, platform ladders and extension ladders for high altitude work. Common sense dictates the ladder for the particular job to be undertaken. Don’t even begin to work if there is a high wind or if it is wet and slippery. Set the bottom of the ladder out about 3’ from the spot where the top rests. Make sure the ladder stands on a firm non-slippery base and get someone to hold it there. Clean the rungs of the ladder and wear sneakers for good traction on ladder rungs and roof surface. If the pitch of your roof is steep, you can work on it with safety; tie a rope around your waist then throw the other end of the rope (weighted with a hook) over the ridge. Make sure the rungs or steps of any ladder you use are firmly in place. As you ascend a straight ladder, go no higher than the third rung from the top for safety’s sake. On a step ladder stand no higher than the second step from the top.

How to clean a brick chimney: Use a steel wire brush or steel wool and an abrasive soap to remove smoke or soot from the face to a concave or V shape of the brick. A carborundum stone can be purchased at any paint or hardware store. You can also buy mortar by the bag already mixed. Integral waterproofing, available at any hardware store and added to the mortar as directed by the manufacturer, will help keep moisture out of the joint.

How to remove efflorescence on brick walls: A white stain on the face of the brick is caused by two conditions: soluble salts present in the brick or mortar, and water which carries the salts to the surface. When the stain occurs at the edges and not near the center of the bricks, the salts may be in the mortar, not in the bricks. However, if the efflorescence is evenly distributed over a large area of wall, chances are that the salts are in both brick and mortar. If the stain is new, a good scrubbing with plain water and a stiff brush often is the only remedy required. However, for stubborn stains, scrub with a solution of water that contains not more than 5% of muriatic acid (hydrochloric) and immediately rinse off with plain water. Wear rubber gloves when using muriatic acid. Often, causes for efflorescence on brick are faulty parapets, defective gutters and downspouts, improper flashings over windows and doors. These let water penetrate behind the brick wall and carry the salts to the surface. If metal flashing around chimney and in roof valleys and eaves edge is not correctly installed or is inadequate, water will find its way through your roof and behind walls.

The care and repair of gutters and downspouts: Inspect gutters and downspouts twice a year, once before spring; rains come and, again, after leaves have dropped in the fall. Check for obstructions that dog up the drains and see if the gutters pitch sufficiently to allow water to flow into the downspouts. Clogged up gutter drains permit water to back up against roof and wall and leak through. Often, leaves will become clogged in the elbow joint of a downspout. When evidence of this appears, remove the elbow joint and clean. If your house is near trees that shed their leaves, install a metal strainer where the gutter connects to the downspout. You can buy these at your local hardware store. You can also buy mesh-like metal strainers that cover the whole top of your gutters. When a gutter becomes rusted, clean it out thoroughly with a wire brush and paint the inside face with a good grade of asphalt paint, diluted with an equal part of white (unleaded) gasoline. After this first coat has dried, cover with a heavy coat of waterproof plastic cement, manufactured especially for this purpose. Before the cement sets, cover with strips of heavy aluminum foil, pressed down tightly, Overlap strips in the direction in which water flows and cement edges together. This will add new life to a gutter and fill holes and cracks.

(Continued on page 91)
HOUSE REPAIR

How to repair leaks in shingle roofs. If a shingle roof leaks, first locate the leak from the attic side, then run a wire through to outside. Insert felt roofing or tar paper under entire shingle and secure with a dash of roofing cement. Badly warped or broken shingles should be removed and new ones substituted. Take out the shingle by splitting it in several pieces. Now slip a fine-toothed hacksaw up into the space formerly occupied by the shingle and saw off the nails which held it in place. Push a new shingle into place and secure with copper, aluminum or galvanized roofing nails. The nails should go through the shingle directly above the new one.

How to repair built-up roofs. Before beginning to repair a built-up roof, there are a few things to remember. Do not work with asphalt or pitch products if rain is expected within 24 hours, or if there is a chance of freezing temperatures. Always patch with the same materials that the roof is made of: if the original roof is of pitch, patch with pitch; if it is asphalt, patch with asphalt. (It is probably asphalt.) Also, use the same type of felt. Some felt is saturated with asphalt and some is saturated and coated with asphalt. The latter is used for cold applications of roofing materials and the former for hot. If your roof has become damaged or if it leaks, follow this procedure: brush away the gravel or slag in a four-foot radius around the spot to be repaired. Push a new shingle into place and secure with copper, aluminum or galvanized roofing nails. The nails should go through the shingle directly above the new one.

How to keep porch steps and floors in good condition. Floors and steps of porches are often damaged by dampness from underneath. If this condition remains over a period of time, framing members may well become too rotted for safety. Check periodically for dampness and if it does exist, cover the surface of the ground underneath with a 3" rough slab of concrete or lay several layers of tar paper directly on the ground. Provide air circulation with metal or wood louvers or lattice work under porch. When replacing worn floor boards, see that they are turned over and used again. In so doing, add an extra stiffening support under the middle to prevent sagging.

For instructions on how to protect outdoor metal finishes, write to House & Garden Reader Service, 420 Lexington Avenue, New York, N. Y.

SILVER continued from page 89

ample, any beverage set of contemporary design has many uses. The pot can be used for hot coffee, for cocktails, or for any iced drink. The little pitcher is excellent for sauces as well as cream. These so-called charming ladies ("La Paglia," international) with ebony handles, delightful to hold, Black makes an interesting color contrast. An undecorated oval dish (Tiffany) is wonderful for serving many kinds of food. Even when not in use, this is an extremely decorative form. Round, shallow dishes have innumerable uses. They are good for flower arrangements as well as food containers. A most useful item is manufactured of plated silver. It is a casserole that holds the standard Pyrex bowl with cover. These are made in 2-quart and 3-pint sizes by most silver manufacturers.

Silver is important in its relationship to daily living, entertaining, even seasons of the year. No matter what your choice—contemporary, antique, manufactured, or hand-wrought, you will want to have silver in your new house. If a doubt remains after balancing durability and beauty against cost, remember this apt quotation: "The recollection of quality remains long after the price is forgotten."

VIRGINIA WIREMAN CUTE

For information on additional silver patterns and names of manufacturers write to House & Garden's Reader Service.

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1954 HOUSE OF IDEAS

Below is a list of the merchandise selected for the House of Ideas. For more detailed information on the items mentioned, please write to House & Garden's Reader Service.

FURNITURE

All furniture in living room and dining room—Baker Furniture, Inc.

Master bedroom
Case goods—Sligh Furniture Co.
Upholstered chair—Loeblein of Kent, Inc.

Occasional table—Hansens Lamps.
Boxspring and mattress—Simmons Co.

Young boy's room
Case goods—Herman Miller Furniture Co.
Upholstered chair—Cox Mfg. Co.
Boxspring and mattress—Simmons Co.

Guest study
Case goods—Heckman Furniture Co.
Occasional table—Herschaff Products Inc.
Upholstered chair—Michigan Seating Co.

Gallery
Furniture—John B. Salterini Co., Inc.

Playroom
Case goods—T. Baumrucker Co., Inc.
Upholstered pieces—Aladdin Iron & Bronze Works, Inc.
'Spinette' organ—The Rudolph Wurlitzer Co.

Front terrace
Furniture—Lee L. Woddard & Sons.
Umbrella—Richard Norton, Inc.

Children's terrace
Jungle gym—Goshen Mfg. Co., Inc.
Plastic swimming pool—Doughboy Industries.
Stacking stools—Hub & Feline.
Gum dispenser—Benot Dreyfus.

Young boy's room
Radio—Emerson Radio and Phonograph Corp.

Rear terrace
Furniture—Lee L. Woddard & Sons.
Umbrella—Richard Norton, Inc.

Children's terrace
Jungle gym—Goshen Mfg. Co., Inc.
Plastic swimming pool—Doughboy Industries.
Stacking stools—Hub & Feline.
Gum dispenser—Benot Dreyfus.

Young boy's room
Radio—Emerson Radio and Phonograph Corp.

BED LINENS, BLANKETS, TOWELS

All bed linens—Wamsutta Mills.
Blankets—Springfield Woolen Mills.
Towels—Callaway Mills, Inc.
Monogramming—Smith & Weigler.

ACCESSORIES THROUGHOUT THE HOUSE

Decorative accessories, toys, clothes—
C. Fox & Co.

LEATHER UPHOLSTERY

Young boy's room
Upholstered furniture fabric—L. F. Carpenter Co.

LAMPS

Living room—Warren Kessler.

Dining table
Silver—Reigning Beauty—Heirloom Sterling by Oneida Ltd.
Glassware—(Rutledge), ashlars and candlesticks—Fosteria Glass Co.
China—Tref pattern—Lenox, Inc.
Linens—John Matouk.

(Continued on page 93)
Candles—Will & Baumer.

Fourth of July Party

Lifetime dinner plates—Watertown Mfg. Co.

Flatware—National Silver Co.

Glassware, pitcher decanters, Fostoria Glass Co.

Linen—John Matouk Co.

Chafing dish, double casserole—Ernest Sohn Co.

Salad bowl and servers—N. S. Gustin Co.

Umbrella—Richard Norton Co.

Aluminum bowls—Kensingtonware Inc.

Accessories—G. Fox & Co.

Paintings

Living Room—'Forest Boundary' by Randel Cawley—courtesy Kraushaar Gallery.

Dining Room—'Tension Between Reds' by Joseph Albers—courtesy of Sidney Janis Gallery.

Young boy's room—two watercolors by 6-year-olds—courtesy of Hartford Athenaeum.

Gallery—Number 65 by Lewis York—courtesy of Thomas Hughes Igle.

Pottery

All ceramic accessories by contemporary Connecticut artists—available through G. Fox & Co.

Kitchen and Utility Room

Bar stools—Vista Furniture Co.

Upholstery on bar stools—Arundell Clarke.

Window blinds—Columbia Mills.

Wall covering in utility room—L. E. Carpenter Co.

Clock—The Lux Mfg. Co.

Racks in cabinets—Kitchen Hamby, Div. of Washington Steel Products, Inc.

Towel ring—Handy-Andy.

Utenils, Utilities, Housewares

Electric Blender—Waring Products Corp.

'Flint' knife rack—Ekco Corp.

Stainless steel flatware—National Silver Co.

Stainless steel bowls—Revere Copper & Brass Inc.

Tea kettle—West Bend Corp.

Cast-iron enamelled cooking ware—Triax, anese, Mark & Hammacher.

Pottery—Vallauris French Import.

Toaster—Toastermaid Products.

Electric coffee maker—West Bend Corp.

Mixmaster—Sanxair Corp.

Carvel Hall Blade Bar with 'Hang-it' knives—Chas. D. Briddell, Inc.

Lifetime ware plates and Flax-sax bowls—Watertown Mfg. Co.

Enamel cooking pots—Belartte Enamel Co.

Cast-iron enamelled bakeware—Griswold Mfg. Co.

Flintwood trays and salad bowl—N. S. Gustin Co.

'Can-O-Mat' can opener—Rival Mfg. Co.

'Grind-O-Mat'—Rival Mfg. Co.

Coffee maker—Sillex.

Aluminum serving pieces—Kensington Inc.

'Hallite' skillet—Aluminum Cooking Utensil Co., Inc.
Consulate dining room grouping

Pictured is the buffet with standing shelf from our Consulate group of Directoire Empire dining room furniture. The finish is in light fruitwood with contrasting columns of ebony block, surmounted with metal leaf capitals. At leading furniture and department stores. Send 3-cent stamp to Dept. G for booklet.

Union National Inc.

1954 House of Ideas again uses Soss Invisible Hinges

Soss Hinges are completely hidden from view when doors or lids are closed. These smart, uniquely designed hinges make possible the flush, streamlined surfaces so necessary to contemporary architecture. Whenever you find modern minds producing outstanding edifices, there, too, you'll also find Soss Invisible Hinges. Ask your builder or architect to use Soss Hinges whenever you build or remodel.

Free Booklet gives complete details on the "Hinge That Hides itself." Write for it today!

A Size for Every Type of Installation

21735 Hoover Road • Detroit 13, Mich.

House of Ideas continued from page 92


Air conditioning equipment: Year-round air conditioning. Oil fired unit for heating and cooling—Weathermaker—Carrier Corp. Electronic air filter—Trion, Inc. Baseboard diffusers to circulate warm and cool air—Titus Manufacturing Co. Thermostatic controls—Carrier Corp.


Water Heater: 80 gal. electric heater—General Electric Co.


Built-in-chime system—Rittenhouse Co., Inc.

Fireplace: Common brick, painted white. Chimney dams—Bennett-Ireland, Inc.

Bathroom plumbing fixtures: Kohler Co.


Fences: Masonite Corporation.

GARDENING

Landscaping and planting by The Peter Cascio Nursery.

Garden Equipment in Tool House:


Insecticides, fungicides and weed killer—all Du Pont.

New Recordings continued from page 6

If you crave the French touch, turn to Angel's handsomely designed, handsome sounding Charles Trenet (10" long playing record ABL-46001) and drink in the inventive words and music of a twentieth century troubadour, as light and airy as a good soufflé. Put on the heels of her prize-winning songs of Spain, Germaine Montero sings "Songs of Parisian Nights for Vanguard" (10" long playing record VR-7065). Mlle. Montero is a favorite of poets and her songs are filled with that mixture of imagination and originality which is the happy province of French song writers. And for one of the coolest experiences on record we recommend a really superior Contemporary disc made by the guitarist Barney Kessel (10" long playing record C-2300) on which he deals, assisted by an all-star combination, with such dancelike tunes as Tenderly. I Let a Song Go Out of My Heart, and Just Squeeze Me. A performance as well organized as a Swiss watch, beautifully captured on High Fidelity.

And for fun, to take along on a picnic, A Florence Foster Jenkins Recital!!! (10" RCA Victor long playing record LRT-2000) which consists of Miss. Jenkins' gabling renditions, in league with Cosme McMoon, of such things as the 'Queen of the Night' aria from The Magic Flute, the 'Bell Song' from Lakmé, etc., once performed, complete with costume changes, exclusively for friends and now available for your personal listening. Or, as a surprise, Vanguard's Marches Around the World (10" long playing record VRS-7006, Vanguard Military Band conducted by Hans Ahnnger). One of the cheerullest, most spirited world tours we've heard in a long time.
Suburban living is about equally divided between indoors, outdoors and behind the steering wheel of the family’s convertible Lincoln ‘Capri.’ House of Ideas carport, left, doubles as play area.

In entrance hall, six steps lead up to raised living room. Storage-wall, left, serves as divider. Light streams into hall and living room through glass panels above front door (see picture above).

From dining room, on ground level, you get a sense of spaciousness as you look up into living room, down into playroom. White brick chimney wall serves fireplaces in both living room and the playroom.

For the second year in a row, Amweld Building Products have been chosen. The reason—beauty that lasts!

Made of steel, Amweld Interior Flush Doors, Frames, and Sliding Closet Units will never warp, shrink, or split—and they actually save many construction dollars! Have your contractor see the local Amweld dealer today.

Write to us for Amweld Cut Construction Costs folder.
**Free Book tells how to make damp basements dry!**

**NEW OASIS AIR DRIER**
gets rid of the Moisture Monster . . . stops moisture damage!

If you have a moisture or dampness problem in your basement, or in any other damp area, the amazing new Oasis Air Drier will put an end to it! The Oasis Air Drier takes damp air from the room, removes the moisture, and blows dry air into the room. Removes up to 3 gallons of water every 24 hours! Stops rust . . . mildew . . . warped doors and woodwork . . . sweating pipes . . . mold . . . musty odors!

**OASIS Air Drier**
ELECTRIC DEHUMIDIFIER

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395 W. Town St., Columbus 8, Ohio

Send me FREE Book—"How to Stop Moisture Damage."

**How to build your own garden steps**

No one likes to scramble up a bank to see a view, or feel for a toe hold on woody, winding paths with perhaps a hidden root to twist an ankle. Which is just a way of asking if you have to make apologies for a too steep incline or an awkward change in levels. If so, you need a flight of steps in your garden. And why not build it yourself?

For the amateur there are several easy materials, among them fieldstone (to be had for the leveling in many parts of the country), logs or lumber, and turf. These can be varied by using cobblestones or brick, and in some areas sandstone, adobe, or quarried marble.

Perhaps, without the expense of regrading, you want to connect one level of lawn with another, such as a terrace, or lead from a vegetable garden to a rock garden on a knoll. A flight of fieldstone steps, set flush with the ground and having stone or brick risers between the treads, is an easy solution. (Where the difference in level is more than 6'-7' the flight should be broken by, for instance, a grassy landing square; otherwise it will present a stiff, unbroken rise and be merely utilitarian, without imagination.)

In building steps you don’t want formality, the pedestrian look of plain concrete, or too fussy and meticulous a pattern. What you do want is to give stone and timber the look of being at home in their natural habitat: earth itself.

There are basically only two kinds of masonry step construction you are likely to consider for your own handiwork: solid masonry, in which concrete and cement mortar are used to achieve a solid and permanent result, and mortarless construction with stone, timber, brick, or similar materials. For the first, a concrete foundation, poured into forms on cleanly excavated ground, should be provided. For the second, tamped cinders, rock or cement rubble may be used to form a well drained base. If crevices between bricks or stone steps are to be planted with rock or wall plants, the latter kind of foundation is essential, and earth pockets must be provided for plant roots.

**Rock garden steps, above, are constructed with scores of fertile plant pockets to brighten horizontal stone slabs. This formal landscape feature, bordered by evergreens, connects two garden levels.**
Open joints permit insertion of rock plants in crevices of steps, but require tamped cinder foundation and loam pockets below. Stone sill supports bottom tread.

Masonry joints require solid masonry underpinnings of 6" concrete on tamped cinders, cement mortar everywhere between stones. This is most durable construction.

All stones used for steps should be broad enough for comfort and surefootedness, but they need not be all of the same size. The more natural they look the easier it is to plant around them as part of your garden scene. Where space and grade permit, and the stones are to be set in a grassy slope, leave treads 24" wide to allow a mower to be run easily along them.

Log steps can be built of squared sections of timber, such as cypress, redwood, or of old railroad ties or locust logs. After setting the bottom member, anchor it with two steel spikes or strong wooden wedges driven into the ground at either end. Then pack the earth behind it as firmly as possible to build support for the next step. The timber ends can be embedded in the bank for planting around them later. Log steps need to be at least 6"-8" in diameter, and if you prefer a peeled look, strip and coat them first with a protective creosote. The overall effect is one of a slowly rising timber and grass ramp brightened by hardy, flowering rock plants tucked along the flight. With log, as with fieldstone steps your fitting and placement should be solid enough so that soil can't wash down between and ankles won't turn.

Steps for winding, woodland paths can be made out of cross sections of tree trunks or logs. Embed the grained wood circles well down in the path, preferably on a sand or gravel base.

Once launched on the adventure of garden step building, you will discover how effectively garden areas can be connected and steep banks transformed into a pleasant series of outdoor rooms.

Step-side planting, left, contributes pleasant garden effect to appearance of steps themselves. Here strip plantings along slopes soften line of walls.

Pot planting, as at right, gives even closer approximation of open joint effect than picture above. Pattern of planting as well as colors can be changed with ease.
Warping, Swelling, Rot or Termites will not plague the owners of this modern home. It is the fourth House of Ideas protected by Cuprinol, the oldest branded wood preservative. When you build or repair, take a tip from House & Garden and avoid the headaches and hazards caused by rotted timbers, steps, railings and fencing; warped window sash, doors and paneling. Specify Cuprinol — it is more powerful than most other brands.

Wood Protected by CUPRINOL

CUPRINOL DIVISION of Darworth, Inc.
62 Maple Street, Simsbury, Connecticut

CURTAINS continued from page 82

Cutting
Spread your material on a flat surface, preferably a large table top, otherwise the floor. The first panel you cut can be used as a guide for all of the others. Measure the length, allowing for heading and hem, and, if necessary, shrinkage. If you use a printed fabric with a pattern that runs in one direction, match the pattern as you cut.

Unlined straight draperies
The first step is pinning and stitching the lengths of material together for each complete panel. (Experts suggest removing the selvages to be sure the edges won't draw or pucker.) You can save 'handling' time if you set aside the required number of lengths for each curtain panel as you cut them.

Finish your side hems next. You can have a narrow hem on the outer edge and a 1" hem where the curtains come together at the center of the window, or you can have even 1" hems on both edges. Turn the raw edge 1/2" and crease; turn the hem to the desired depth and crease, measuring every few inches to be sure it is even. Baste or pin and press; then stitch.

Finish bottom hem in this way. Turn the raw edge 1/2" and crease; then turn the hem to the desired depth and crease (usually 2") to 3" except for lightweight fabrics when you may prefer a double 6" hem). At this point, weight the hem to insure a straight and even hemline. Weighted tape for heavy material, cord for sheer curtains, is available by the yard. Lay it inside the crease of the hem and baste in place with long diagonal stitches. If you use round or square weights to keep the corners of the hems from curling, cover them first with a square piece of fabric three times the diameter of the weight. Fold the square in half over the weight, turn over the corners at the fold and stitch closed along the raw edge. Tack weights inside the corners of the curtain hem. Finish the hem. Slip-stitch the ends where bottom hem is turned over side hems.

Now your basic workmanship is finished, and you can use one of the new heading materials for a pleated or shirred heading. Each one comes with full instructions, but here are the essentials. If you use the stiffened tape with woven pockets, you have only to turn under and crease the top edge of your curtain panels, pin and baste the tape and stitch it at the top and at the bottom (there are guide lines printed right on the tape for you to follow). Close the ends the same as you did the bottom hem, by slip-basting. For each end of each finished panel, you will need one 1/2" hook. The four-prong hooks slip into the woven pockets of the tape at intervals (leaving one or two pockets free between pleats depending on the fullness you desire). These hooks form any one of three different kinds of pleats: pinch pleats (sometimes known as French heading), box pleats and cartridge pleats (similar to box pleats, but arranged closer together, rounded, and usually padded). This type of heading tape and hooks is ideal for the new traverse rods. The hooks slip into small carriers which, on the newest rods, slide in unison when you pull the draw cord, insuring evenly spaced pleats. You should also know about the newest 'curtain raiser,' a complete kit that provides fabric pre-cut in various lengths (and, in the case of printed patterns, pre-matched), together with pleater tape, hooks, thread and instructions for making the draperies yourself.

For shirred curtains of sheer fabric, use the new shirring tape. You sew it on flat, but stitch along both sides of each draft string. For example, the narrowed width of tape has two draw strings and so requires three rows of stitching altogether. You can also use this shirring tape to make Austrian curtains, illustrated opposite.

Austrian curtains
This style of curtains is more elaborate than the straight curtains we have described, but there are occasions when it solves a window problem. Made of sheer fabric or flax white chiffon, an Austrian curtain can be hung from the ceiling to the top of a window to give the window extra height. Hem the curtains first on all four sides, allowing for a ruffle (proportional to the size of the window). Sew a strip of shirring tape along each side, and stitch across top and bottom. (You can use small tassels at the end as a finishing touch.) Sew plastic rings at equal distances along each tape for the drawstrings that raise and lower the curtain. The drawstrings are simply Venetian blind cords. Brass rods for the top and the bottom of the curtain should be covered in the curtain material. To put up the curtain, you need a latch (the kind of suction-cup for large mirrors), fitted with screweyes for the cords to slip through. You can tack the curtain to the latch with carpet tacks, then cover your hardware with a double fold of shirred material.

Cafe curtains
This is the style of curtains usually hung in tiers on round brass rods. You can make cafe curtains with the familiar scalloped edge or the new pointed edge. In either case, plan on double fullness for the width of your window and measure the length plus the hem to estimate the yardage you will need. Turn in a 1" hem at each side and a 2" hem at the bottom, in proportion to the height of the window.

Lay the material flat on the table, wrong side up. Using a paper pattern, draw the scallops or points in pencil along the unhemmed edge of the material. For the facing, cut a piece of material full width by 3" deep for scallops, 6" deep for points. Lay this piece underneath the top of the first piece on which you have drawn the lines, so that the two pieces are face to face. Basic together across top and bottom of facing, then stitch along the pencil lines. Cut out the excess at the bottom, in proportion to the height of the window.
piece inside out and press with an iron along the stitching line. Turn up ½" along the bottom edge of the facing, leaving a 1½" hem at the deepest point. There's also a new short cut to making café curtains. If you like tiers of sheer white embroidered nylon or cotton, you can buy panels in various sizes that have only to be hemmed along the sides. They are peaked at the top to accommodate café clips or rings. Café curtains can be hung on either round or flat rods with the aid of the new clips shown on page 83. Round brass rods of various diameters are available by the foot or in an extension type. There are several types of brackets to support them. One type requires a small brass finial for the end of the rod to keep it from slipping; another bracket has a screw that holds the rod in place. You can also install café rods inside the window frame by means of spring clips.

For names of manufacturers of curtain fixtures and headings write House & Garden's Reader Service.

"If material is not preshrunk, allow 1" to 2" per yard for shrinkage.

New stiffened tape has pockets for hooks to make three kinds of pleated headings.

1. Pinch-pleated heading
2. Box-pleated heading
3. Cartridge-pleated heading

Shirring tape creates miniature cartridge pleats, is ideal for sheer straight curtains.

Austrian curtain can also be made with the new shirring tape.

Newest café curtain style is pointed instead of scalloped for harlequin look.

handsome, rugged knob and lock ensembles for exterior and interior doors in the home

When you are building or remodeling, you can effect important savings by investigating appealing new Series "440" NATIONAL LOCKset. • Exquisitely styled and accented by gleaming lacquer baked on at high temperature, these outstanding units are engineered for years and years of dependable service. • Inexpensive to purchase . . . fast and easy to install, Series "440" NATIONAL LOCKset is available in key locks, key control locks, pushbutton locks, turnbutton locks and knob latches. They will add to the charm, convenience and security of your home. For modern or traditional.
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of House & Garden’s
1954 House of Ideas

A blueprint of adaptable ideas... 35" x 45" overall... it shows plans and details accurately dimensioned and drawn to exact architectural scale... costs only $2.00. Big enough for the whole family to study together, it will be usable in checking with your local builder and banker for estimates, financing. Here’s what you get:

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Please rush ____________ copy(s) of Home Study Blueprints of House & Garden’s 1954 House of Ideas at $2.00 each to:

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How to have fun in the sun

Without even digging a hole in the ground, you can have a plastic swimming pool in your own back yard.

A 20-foot circle of level ground is all you need to set up your own private swimming pool. After finding a fixed center, spread the flexible pool liner out within the circle with sidewalls on outer edge.

Portable wire mesh fence to support the pool’s sidewalls is rolled out around the edge of the liner and the ends tied together to complete the circle. The wire fence can be easily rolled up for winter storage.

Final stage of assembly is fitting the liner over the wire fence. After smoothing down floor and sidewalls, the pool may be filled with about 7,000 gallons of water. Pool is drained by flexible hose outlet.

An inflated bumper tops the 3' sidewalls to protect swimmers. Easily cleaned, the pool is of plastic sheeting, manufactured by the Bilnor Corp. for $200. For shopping data write H&G’s Reader Service.
STRING

Continued from page 77

Woven window shade
Select enough 4" wooden dowels (varying in thickness from 1/4" to 1/2") for a 6" strip of blind and tape them flat with cellophane tape to hold them in position. Create the pattern you want by weaving the dowels together with gold cord and natural and colored sisal twine in broad and narrow bands of design (broader bands near the edge, narrow toward the middle). Using over-and-over and under-and-over weave, link 2 or 3 thin dowels together, leave the thickest separate, so you get an interesting texture pattern. As you finish the 6" strip, add more dowels and continue weaving and adding until you have the length of blind you want. Weave an outer, single row of natural twine at each edge to hold the blind firm, adding a touch of household cement for additional support.

SUMMER DECORATING continued from page 78

Here is the shopping information for the merchandise shown on page 79. For prices on the items below write to House & Garden's Reader Service.

1. Wrought-iron side chairs and table with vitrolite top, by Molla, Inc.
2. Wrought-iron benches, by Avard.
3. Chairs and benches covered in felt, from Central Felt Co.

Give your home the wonderful
SLOAN
Act-O-Matic
AUTOMATICALLY SELF-CLEANING SHOWER HEAD

As featured in HOUSE & GARDEN'S "House of Ideas"

Bathes ITSELF After It Bathes YOU!

• All the family can start every day with a smile, year after year. When they turn on the Act-O-Matic and step into that luxurious shower spray they'll feel "like a million." It's delightful, trouble-free bathing—not even stray streams to wet ladies' hair or turn bathroom baritones into bears. Only in the Act-O-Matic can you get all the following advantages:
  1. Automatically flushes shower head after each use
  2. All clogging particles automatically discharged
  3. No dripping after shower is turned off
  4. Cone-within-cone spray distributes water evenly
  5. Water flow and spray direction fingertip controlled
  6. Exclusive design eliminates need for servicing
  7. Replaces present shower head without special tools

Your Plumbing Store will supply you, or write to us.
Would you save this child?

If you saw this child, would you pick him up and save him as Bill Asbury, CCF representative, did in Korea a few weeks ago? We are sure you would not "pass by on the other side" to leave him die. He is now in a CCF orphanage being decently cared for. He is there with other children—children like the baby whose mother brought him to the superintendent, saying she could not find work and could not care for her baby. The baby was accepted and the mother started away and then fell. When the superintendent reached her, she was dead—of starvation. Some CCF orphanage children were pulled apart from the arms of their mothers—the children just faintly alive, their mothers dead.

Bill Asbury is making no complaint about the dirt and discomfort connected with his job or even about the vermin, far more alive on such a child than the child himself. But he is heavy hearted over the many children he can't save for lack of funds.

He will be glad, if you wish, to pick up a starving boy or girl for you and place him or her in one of the 42 Korean orphanages in which CCF assists children. The cost in Korea and in all countries where CCF operates is ten dollars a month and you will receive your child's name, address, story and picture. You can correspond with your child. Children can be "adopted" in CCF orphanages around the world; in the following countries: Borneo, Brazil, Burma, Finland, Formosa, Hong Kong, India, Indochina, Indonesia, Italy, Japan, Jordan, Korea, Lapland, Lebanon, Malaya, Mexico, Okinawa, Pakistan, Philippines, Puerto Rico, United States and Western Germany.

"And the Lord took little children into His arms and blessed them." 20,000 Americans have done likewise by "adopting" children through CCF. Gifts of any amount are welcome.

For information write: Dr. J. Calvitt Clarke
CHRISTIAN CHILDREN'S FUND, INC.
RICHMOND 4, VIRGINIA

I wish to "adopt" a boy [ ]
[ ] girl for one year in [Name country]
I will pay $10 a month ($120 a year). Enclosed is payment for the full year [ ]
Please send me further information [ ]
[Name]
[Address]
[CITY] [STATE]
[Zone] [ADDRESS]

Gifts are deductible from income tax.
Prefabricated basketweave fence that you can erect yourself comes in 8' panels, three heights: 4', 5' and 6'. Red cedar posts, and panels of lodge pole pine have been treated with wood preservative. Beautiweave fences, alike on both sides, will weather to a silvery gray; or can be painted or stained.

Color-matching chart with 21 graduated color bands will enable you quickly to identify the differences in color between various flower species and varieties. It will be helpful, too, to visualize catalogue descriptions when the color code is generally adopted by seedsmen and nurserymen. Copies of Flower Color Detector may be ordered from The American Horticultural Council, Bailey Hortorium, Cornell University, Ithaca, N. Y. Price, $1.00, postage paid.

Steel curbing for lawn, road and garden edging comes in 16' flexible lengths, 1/4" thick, 5" wide, that are anchored in the ground with 18" steel stakes. Estate Curbing bends easily to form curved boundaries; connecting joints will accommodate inclines as well as level surfaces.

Automatic lawn sprinkler control is a good conservation measure in water-scarce areas. You can install the Greenland sprinkler control on new or existing irrigation sprinklers; select standard, skipper or sequence timer, according to the size and kind of watering system in use.

Nail-holding hammer allows one-hand nailing, so there's no chance of hammering your thumb. A slot holds 8- to 20-penny nails, quickly inserted, self-releasing. The Cheney nailer comes in five styles, six sizes; claws will pull heads or spikes with or without heads.

Gloves that breathe are fashioned of plasticized fabric with green thumbs for gardeners, but are equally useful while painting, driving, or doing household tasks that require hand protection. Green Thumbs gloves for women are chamois yellow: small, medium, large. Men's gloves, one size, are rust color.

For sources and prices write to House & Garden's Reader Service.

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SELECTED FOR HOUSE AND GARDEN'S 1954 HOUSE OF IDEAS

"...a house with window-walls..."

... that's the way the lady half of the house-hunting couple makes her choice. But more and more the lady is learning to say the magic words, "Panaview Aluminum Sliding Doors and Windows"... the words that bring her the light and air and comfortable beauty of modern living.

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Beautiful, Durable Lifetime WARE
Made of Melmac in 9 delightful decorator colors to mix or match. Guaranteed against chipping, cracking, or breaking. Ask for it by name — Lifetime Ware.

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When you order your overhead sectional garage door be sure to specify—CALDER Wedge Tight. You'll find six basic doors to choose from—one or more of which, has been designed to blend perfectly with your particular type of architecture. Each is made in a size to fit your garage opening and available headroom. Last but not least, with a few inexpensive, easy to attach shapes and strips, any Calder door may be decorated to your taste and painted in your choice of colors.

ALL CALDER DOORS MAY BE "REMOTE CONTROL" ELECTRICALLY OPERATED

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STATE

CALDER MFG. CO.
LANCASTER 16, PA.

"LEVELINE" with 4 diamonds

"PARALINE" with 12 round rosettes

"TRILINE" with 8 square rosettes

"KEYSTONE" with 6 round rosettes

"FLUSH" with 4 strips of round rosettes
**SCANDINAVIA**

continued from page 30

water by horses. Then on northward through the lake district past groves of beesches and hills of heather to Aarhus, a seaport and industrial center with an outdoor museum of 48 buildings from all parts of the country, Rosen­holm Castle is a Renaissance building still owned by the same family. The approach to Reibild is dotted with fruit plantations and heather-covered hills. Thousands of people from America and Denmark celebrate the Fourth of July here, including the Danish Royal Family. It is the only demonstration of its kind outside of the United States, and there are speeches and picnics and fireworks. At Aalborg you can catch the night steamer for Copenhagen or you can make connections at Frederikshavn for Oslo, Norway.

**NORWAY**

Distances are enormous. From north to south is half the distance from New York to San Francisco. With so much to choose from, pick two or three places to visit and concentrate on. The south, Oslo, the capital, is a city encircled by hills, forests and lakes. Sailboats flash in the sun. You can eat marvelous food overlooking the Oslofjord, swim in the sea, or drink the famous beer. Visit the Norwegian Folk Museum, a 150-building village get­tered from every part of the country. There are 1,000-year-old Viking ships to see along with the more recently historic­al Kon-Tiki raft. Ibson is performed in the National Theatre. Paint­ings by the great expressionist Edvard Munch hang in the National Gallery. You can stay at gay resorts all along the fjord.

The southern coast is like the French Riviera. The beaches are superb and you can go boating among the holm­es and islands or picnicking on roasted windles and crabs. The handsome Town Hall at Arendal is the second largest timber building in the country. Plan to go salmon fishing in the Nidelv river or, if you prefer, drive to the cathedral at Kristiansand and Ravnedal National Park which stretches nearby. You might take a walking trip through the valleys and shining lakes of Telemark.

A steamer will chug you 65 miles inland through locks and lakes from the fjord at Skien.

To the west lies the Fjord Country with its great crags and hundreds of lakes. Hardanger is the most beautiful and in May and June the orchards are in first bloom. Every­where the roads are excellent and you have a hundred choices of turns to take, places to stop.

The 900-year-old town of Bergen on the coast is surrounded by seven fiords. Bergen is the second largest city, and before you buy any pool at any price, see them at these fine stores, and see them advertised on HOUSE & GARDEN.

**Scandinavia continued from page 30**

Love that Pool!

It's a Landon Blue-Lake, the lifetime pool for the time of your life! It's the nicest thing that can happen to a back yard year after year back yard!

It is happening now, in back yards from coast to coast! If you live in the Los Angeles or San Francisco areas, we'll build your pool...elsewhere, your Landon­franchised contractor will build it...with equipment manufactured and war­anted by Landon of California, pioneer builders of fine swimming pools.

And a Stewart Iron or Wire Fence protects the youngsters, too. It's a friendly fence, and it af­fords the protection you need. What's more, it beautifies your home and its surroundings. Stewart fences are made in many styles. Write for illustrated literature. Please say whether you are interested in a wire or iron fence. No obligation.

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from 7 to 9 days; by plane, about 16 hours. (There is also direct service from Chicago and Detroit.) From England and the Continent you can get there by air, sea, rail or bus. Every major airline and through sleeper service on international express trains whisk you there uninterrupted.

With so much country to cover there are dozens of tours for you to choose from. Here are several you might enjoy:

DENMARK
The Fairy Tale Tour: 3 to 4 days by motor coach. Departures from Copenhagen every Monday, Wednesday and Friday, June through September 6.

NORWAY
Norwegian Coastal Voyages: 9- to 12-day round-trip cruises. Departures from Bergen or Trondheim 6 times weekly, May through September.

Fjord Line and Ideal Fjord Tours: 6 days by motor coach. Departures from Bergen and Oslo every Monday, June 21 to August 16 for the former; for the latter, Sundays, June 20 to August 31.

Midnight Sun Air-Sea Tour: 8 days by plane and steamer. Departures from Oslo daily except Sunday, June to August 31.

Switzerland (Swiss) Coastal Cruises: 11 days by ship. Departures from Tromso, July 6, 18, and 30, August 11 and 23.

The Arctic Route: 30 days of hunting, polar bear, walrus and seal in the Arctic and pack ice area around Spitsbergen on the diesel-powered ketch凿Hella. Limited to 4. Departures from Oslo, July 1, 13 and 25 and August 5 and 18.

SWEDEN
Sunlit Nights Land Cruise: 8 days by train and bus. Departures from Stockholm, July 5, 15, and 24 and August 3.

Lapland Tour: 7 days by motor coach. Departures from Umea, July 26 and August 9.

Gota Canal Cruise: 3 days by yacht. Departure about four times a week from Gothenburg, May 26 to August 31; from Stockholm, May 30 to September 5.

ALL THREE
Design in Scandinavia: A conducted tour of all three countries lasting from August 27 to September 14 with special emphasis on behind-the-scenes visits to arts and crafts studios and architecture and the development of design from Viking times to the present.

FRESH GREEN LEAVES
continued from page 54

varying shades and textures play an important part. Against the leathery sheen of evergreen leaves in July, the frosty silver of artemisia creates one kind of cool contrast. Against the monotone of so much shrub foliage in summer, such sharp etched patterns as that of the cut-leaf maple, for example, or the trace of fern fronds offer a rather kind of coolness. So, too, does the delicate bark of white birch clumps which, like quiet, gray-toned beeches, are a visual relief when temperatures soar.

And when a breeze begins to stir, it is the rustle of leaves that brings still another kind of cool refreshment to the summer garden.

For a list of plants selected for foliage value write to House & Garden's Readers' Service.
IDEAS FROM DECORATORS FOR YOUR HOME—a color chart; how to decorate every room; how to dress up your windows; how to make café curtains, draperies, ruffles and pleats; facts about Waverly fabrics—all included in this attractive booklet. 10c. F. Schumacher & Company, HG-4, 60 West 49th Street, New York 18, New York.

How to Treat Your Problem Windows with curtains of Du Pont nylon. Valuable booklet shows you how to beautify all types of windows; lists special advantages of Du Pont nylon curtains. E. L. Du Pont De Nemours & Co., Textile Fiber Department, HG-4, Wilmington 98, Delaware.

Plan Your Rooms for Color. Illustrated guide to achieving decorating harmony with Signature Colors. Booklet shows you how to decide on your basic plan, suggests room schemes. Color Corporation of America, HG-4, Sayre & Francis Streets, Rockford, Illinois.

Warner's Waterhouse Decorating Guide gives you helpful directions for coordinating floors, walls, furniture, draperies; tells you how to hang your own wallpaper; shows you samples of their new collection of 18th Century wall covering reproductions, with historical notes. 25c. The Warner Company, Dept. HG-5, 420 South Wabash Avenue, Chicago, Illinois.

KITCHENS & BATHROOMS

101 Problems of Planning a Kitchen. Informative booklet helps you solve them; shows how to have a kitchen built to your personality and kitchen dimensions. Pages of "Beautify" features. 25c. COPPES, INC., HG-11, Napoleon, Indiana.

Kitchens for Living. Helpful booklet tells how to plan and choose a kitchen you can live with... shows general and specific purpose units, kitchen accessories, counter and sink tops. 10c. ST. CHARLES MFG. CO., HG-4, 81 Tyler Rd., St. Charles, Illinois.

Let's Plan Your New Kitchen. Colorful booklet shows what you should consider in planning, if your kitchen is "L" shaped, "U" shaped, one wall, two walls, etc. Gives advantages of kitchens in bich, Brummer Manufacturing Co., HG-6, Davenport, Iowa.

Kitchens for Modern Living illustrates and diagrams the many varieties of Beauty Queen cabinet sinks and kitchen cabinets. Gives specifications and style numbers. Toledo Desk & Fixture Corp., HG-6, Maumee, Ohio.

Allenco Watering Tools folder shows a variety of sprinklers and sprinkler accessories, for use on many kinds of lawns. Includes price list. Also, valuable booklet tells you when and how to water a lawn. W. D. Allen Co., HG-5, 556 W. Lake St., Chicago 6, Ill.

Seaside Planting discusses the essentials for successful gardening along the Atlantic Coast. A list of suitable shrubs, trees, perennials and vines is included, as well as hints on planting. Bay State Nurseries, Inc., HG-7, North Abington, Massachusetts.


F & N Lawn Mowers, precision built, power, and rotary power, for every type lawn, are described in their colorful folders. Includes facts about their special construction. The F & N. Lawn Mower Co., HG-5, Richmond, Ind.

The Emotional Impact of High Fidelity is a detailed introduction to high-fidelity written for the layman in non-technical language. 12-page color brochure lists speakers and speaker systems; gives information on built-in, cabinet installations; explains the correct use of high-fidelity equipment in the home. Stephens Manufacturing Co., HG-7, 6530 Warner Dr., Culver City, Calif.

If You Wear Clothes You Need K-Veniences. An amusing booklet designed to help you bring order out of the chaos in your closet with the aid of K-Veniences closet hardware. Shows how K-Veniences will double closet capacity by providing a place for everything, keeping everything in its place. 10c. KNAPE & Vogt MFG. CO., Dept. G-44, Grand Rapids 4, Michigan.

Sounds of Our Times is a listing of custom-type recordings that have been produced with an ear to high listening quality. Also, an explanation of binaral, an entirely new sound medium. Cook Laboratories, Inc., HG-7, 114 Manhattan St., Stamford, Connecticut.

comfort

continued from page 59

room, kitchen. In the two-story living room, playroom area, however, ducts are not embedded; they run along the floor joists to air-condition the living room (on the upper level) and the playroom below it. That which loop around the outside walls were planned especially to provide perimeter heating. This perimeter heating supplies warmth all around the edge of the house to offset the outside cold. Heat is distributed from the ducts through baseboard outlets or diffusers; most of these are located under windows. This arrangement raises the temperature of warm air along the cold windows and outside walls. You will notice diagonal ducts crossing the floor slab too; they help to warm the slab itself so it gives off some radiant heat. This amplifies the warm-air heat delivered from the baseboard outlets.

This whole system for both heating and cooling works automatically and is controlled from a wall panel. It is in the entrance hall of the House of Ideas and there are three switches and a thermostat dial on it. Flip the top switch and you turn the whole heating-cooling system on or off. Move the center switch up or down and you change to either heating or cooling. Flip the bottom switch and you can turn on the blower fan to circulate air through the ducts without either heating or cooling the house. You use the thermostat dial to set the temperature you want for either warmth or coolness.

Before any air is circulated through the house—heated, cooled or plain fresh air—it passes through the electronic cleaner. This unit is separate from the air conditioner. It works by magnetic attraction. All particles of dust, dirt, bacteria, pollen in the air receive a positive charge as they pass through the unit. Then they are immediately attracted to a metal plate with a negative charge. By snapping a switch this plate is automatically washed when water has collected on the plate. This air-filtering system, one of the greatest advantages of air conditioning, takes at least 90% of all impurities out of the air you breathe in the house.

An important factor in keeping down air-conditioning costs is the orientation of the House of Ideas. By wise placing of the house it was possible to install smaller and less expensive equipment for heating and cooling. It also cuts the operating costs of this equipment. Cooling the house, for example, requires only a 3-ton unit (the size of an air conditioner). For heating or cooling, this house has only one small bedroom window on the west side and a ribbon of high living-room windows shielded by the roof. High trees around the lot shade both south and west walls and windows in summer but let sun enter in winter when the leaves fall. The front of the house is on the north side. It has three small windows in bedrooms and bathroom, a laundry window and the large window-panel over the front door. The rear of the north exposure is solid wall.

Three Wizards with Wood for Beautiful Homes

WHITE FIRZITE

— Gives that clear, fresh "woodsy" molded effect. For any wood, hard, soft, solid or ply, foriting pastel tones, and color-in-color. (To take stain and oil for plywood—Use Clear Firzite.)

For perfectly beautiful natural wood polishing:

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A natural or colored wood finishing brings out the natural beauty of any wood. Enhances the protective action of the wood finish. It also protects the colored finish against the natural color because we call it "yellow." Ask your painter to use it.

For making or mending things perfectly:

WELDWOOD

PLASTIC RESIN GLUE

Makes a joint stronger than the wood itself. Great for repairing or restoring precious antiques. Fresh-finished—its a way you never experienced America's largest selling wood glue.

For cleaning or making any dish perfectly:

AVOCADO

continued from page 88

Peel avocados; cut in half lengthwise. Allow 1/2 person. Fill centers with French dressing. Cover dish with aluminum foil and refrigerate.

1 lb. lobster meat, flaked

1/2 cup shelled, blanched almonds

1/2 cup celery

1/2 cup mayonnaise

Pour 3/4 cup French dressing over lobster and refrigerate for 1 hour. At serving time add the remaining ingredients. Drain dressing from avocados; place on serving plate and fill with lobster salad.

Strawberry stuffed avocados

Strawberries

Avocado halves

Glaze: soften 1 tbsp. gelatin in 1/4 cup cold water; dissolve in 1/2 cup of boiling water. Cool. Add 1/2 cup orange juice, 3 tablespoons lemon juice, 1/2 cup currant jelly and 1/2 cup of sugar. Bring until sugar and jelly are all dissolved. Chill until mixture just begins to congeal.

Arrange strawberries in avocado halves; spoon over the glaze and chill for several hours. Serve on early endive with French dressing.

Avocado mousse

1 tbsp. gelatin

2 tbsp. cold water

1/4 cup boiling water

1/4 cup lemon juice

2 tbsp. sugar

1/2 tsp. salt

1 cup avocado pulp

1/2 cup cream, whipped

(Continued on page 111)
**ONLY AVON**

has THESE FEATURES

Only the Avon oscillating type Lawn Sprinkler offers you all these features.

Streamlined design includes rigid support for oscillating spray tube. Contour of thick gauge brass tubing together with multiple individual nozzles assures perfect water distribution. One simple adjustment adapts your sprinkler for watering large or small lawn or garden areas. Every part of the Avon sprinkler is completely rust proofed. Full year guarantee.

Get ready for those long dry spells. Buy your Avon Sprinkler now . . . at the new lower price. Sold at the better Hardware and Garden Supply stores.

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**YELLOW SPRINKLERS**

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**Amazing new way to get rid of garbage Only 29.95**

It's just like having a bottomless garbage can! The amazing new Bard-Matic Garbage Eliminator is the simple answer to your garbage problem. It costs less than the normal installation charge alone for other disposal units.

Install the Bard-Matic Eliminator anywhere in your yard in the time it takes to dig a round hole 18-inches deep. Operation is so simple—just empty "catalytic starter" on first deposit of garbage only. The Bard-Matic Eliminator does the rest. You just deposit garbage and forget it!

All household garbage—coffee grounds, eggshells, bones, plate scarpings, fruit, vegetables, etc.—is handled by the Bard-Matic Eliminator. See it now at your local hardware dealer, buy it and forget about your garbage problem. Write direct if he doesn't have it yet.

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**Three new All-America roses sweep the field in pink**

A preview of 1955's top winners for home gardens

There are new shades of pink abroad in the garden these days, and roses have their share. It is not just a coincidence that the three highest rated introductions for next year's gardens are all pinks. No one pink dominates, but all are lively, most avoid the blue or blush tones in favor of the 'fruit' colors, and the coral shades. The trio picked as All-America Rose Selections for 1955, after two-year trials the country over, include one coral-orange floribunda, Jiminy Cricket (a member of the Pinocchio entourage, as you might expect); Tiffany, a warm, clear pink hybrid tea of the form which has become classic among roses; and one of a newly christened class, the grandiflora. Officials of the AARS announce it as combining the high-centered flowers on long stems which characterize the best hybrid teas, with the flower-clustering habit and informal vigor of the floribundas. Top flight, orchid-pink Queen Elizabeth, pictured above, is the first of this newly developed class which rose lovers will watch with interest. Plants will be available this fall.
Crabgrass never surrenders, but you can get rid of it

Chemicals start the job, but only good, well fed, well tended grass can finish it

Crabgrass is undoubtedly the most talked about plant, and the most likely target for hot tempers in the whole history of gardening. At this time of year when crabgrass is making its regular annual appearance in lawns from coast to coast and from Maine to Florida, it may be a good idea to consider the ‘nature of the enemy’ before launching the summer campaign against it.

Crabgrass is a hot weather plant and strictly an annual in our part of the world. It seeds itself in late summer and early fall. The seeds lie over winter on the soil, sprout in late May in the vicinity of New York, forming two horizontal, pointed leaves that look like a small propeller and almost explode into activity with the coming of really hot weather. Its entire life span averages no more than four months: June through September, plus or minus a week. Crabgrass Killer is effective only if the location is one that permits (such long grass). This will get rid of another large percentage of any seedlings that start, for crabgrass does not like shade.

Fourth, eliminate grubs and chinch bugs. You can’t keep out crabgrass if you let those pests keep your lawn thin. Get rid of the grubs by dusting your lawn carefully with chlordane. Five pounds of 5% chlordane per 1000 square feet washed into the soil with a hose in early spring should last for several years. The chinch bugs are harder to control. Dust with chlordane or DDT in late spring and again in late August or early September and repeat every year for best results.

Fifth, if there are any buried rocks or rubbish where the soil is thin, you will always have poor grass, and crabgrass. Clean up the area, and rooted in early fall. The new grass will be well established by the time the hot weather comes the following season. Moss is another indicator of a starved and poorly aerated soil. If moss is present, loosen up the soil and feed it with complete plant food before trying to grow grass on it.

All these measures, of course, combat crabgrass only indirectly. It is equally necessary to go after it with a frontal attack when and as the crabgrass appears. Here is where two comparatively new chemicals, selective weedkillers, come into play. One is potassium cyanate, known to chemists as KOCN, and an active ingredient of many commercial crabgrass killers. It may be applied at any stage of the plant’s growth but it is most effective just before seed formation, early to mid-summer. Apply it at the rate of 3 ounces in 3 gallons of water to every 1000 square feet of lawn, being careful the spray covers every inch of the area. Usually two applications about a week apart are necessary. Whether you use Crab-not, Double O, Weedone Crabgrass Killer or any one of several other brands, the important thing is to see if it, in the proper strength and at the proper time.

(Continued on page 112)
MORAINE LOCUST
See your local nurseryman or write Moraine Locust shade tree is us for illustrated folder.

its light, lacy shade.

FAST€K EASIER WAY
Saves time, gives professional results with­
Perfect for side trimming and shaping.

for QUICK SHADE
plant a
MORAIMCE LOCUST

(PLANT PACKET SIZE)

Graceful, new, fast-growing Moraine Locust shade tree is thornless, serene, hardy. Lawn grass grows luxuriantly beneath its light, lacy shade.

See your local nurseryman or write us for illustrated folder.

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Landscape Nurseries since 1870
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GARDEN PLAN
continued from page 69

day-lily border and wild-flower planting (#4). Of course the bull-and-ground-cover ring with the sitting wall around the base of the big oak. (#2) is such a happy idea that it is natural for both basic planting and for the sheer fun of it. It's a fine way to under-plant almost any big, high-branching tree you're lucky enough to have on your place.

Offering similar opportunity for special gardening interest, the screen planting shown under existing oak trees above (#5) is especially important as a sort of outdoor wall for the living ter­race. Used as a living baffle or screen in partnership with what is really a second screen or baffle against straight boundary, it serves as a friend­ly barrier to a view of the curves of the curving roadway.

There is no limit to the variety of plants and plant groupings to which this type of wholly informal land­scape scheme lends itself. But since you have to start somewhere in making up your own mind, here are certain general and specific suggestions. Let's take the planting areas one at a time, beginning in the northeast corner.

Just glimpsed through the oak foliage to the left of the numeral 1 on the drawing, page 60, is the lath­shaded plant frame pictured in photo­graphs earlier. At the upper edge of the lot a pleasant screen of forsythia bushes fills the corner, beyond the com­post heap and small beds for cutting flowers and salad greens. Van Houtte spirea bushes come next along the boundary, leading to a specimen Aus­ trian pine, then a background of white pines behind the simple curving bed of garden roses (#3). The south corner of the grounds features dogwoods, native and oriental, and more pines, under­planted with field grass in back and wild flowers in front (#4). A curving barrier of carefully chosen day-lilies is suggested as a way of bringing season­long flowers to a featured spot in the landscape without much effort or ex­ pense. Continuing around the west bordering only the road you find an oxygenendrum (sourwood) featured among weigelas, common lilacs, cut­leaf American elderberries and the na­tive cranberry (Viburnum trilobum).

Against this screen planting, as .seen from the house, chokeberry (aronia), rose-of-Sharon, winter jasmine, hyperic­cum, English ivy and, for edging, violas. Moving in toward the terrace, re­taining one store to the screen of mixed evergreens under the oaks at #5. Na­tive rhododendrons, mountain laurel, andromeda, Leucothoe might well form the basis of this planting, with some of the bulbs already suggested in the plan.

In front of the house, Japanese andromeda and box-leaf holly fill the beds between terrace and wall and flanking the entrance. At corners, simple free­standing beds use an American holly, Ja­panese bullies, ground covers, a hirch clump. Against the house beneath the overhanging eaves there is, wisely, no planting, only a trim band of white pebbles which have considerable orna­mental value in themselves.

for QUICK SHADE
plant a
MORAIMCE LOCUST

FIRST GARDEN
continued from page 65

Here household and gardening tools are stored, with almost everything hangable on pegboard hooks or shelves. Along the carport wall is a solid bench for potting up the next round of plants. Here, open to the south and sheltered from winds on all other sides, the season's pot plants are tended and stored between trips to house, terrace or balcony for this or that sociable er­rand. The pictures and captions on pages 66 and 67 tell the story in detail.

There is no point in ignoring the rest of your grounds, of course. There will be a lawn to build and care for. Whenever and wherever you get your long-range planting underway, you'll want to consider the suggestions for step-by-step landscaping on pages 68 and 69. In the meantime, enjoy your pot-gardening, let the flowers change with your party, your mood and the weather; and let the future bring further garden plans as your living future develops.

For a descriptive list of good outdoor pot plants, write to House & Garden's Reader Service.

Pledge your support to the national program for

United Cerebral Palsy

HOU5E & GARDEN

The garden addict, of course, may wish to develop a far more formal or elaborate plan, at first or later. So much the better. Here are half a dozen start­ing points. This does not mention the best single point of all: a reliable source for good plants! It does imply, however, that as Hou5E & GARDEN went to a landscape architect to have its step­by-step plan created, so may you if you have your own ideas about the land­scape you wish to live with.

Here is our three-quarter acre, then, ready to grow and blossom in livability and beauty as your own life grows.
To our Dear, Dear, Dear, Dearest Mrs. Richards:

If you are shopping for the best in new varieties of Daffodils and Tulips, we are your fellow. Every bulb is fresh from Europe's great originators, each is guaranteed to bloom, each is of top size—and, believe it or not, except for 1953 and 1954 the varieties are no more costly than run-of-the-mill kinds that were new when we were babies. (That's a very long time ago.) So... why not have your new bulbs unique? Why not?

Take Atripital Attractions—this is the most remarkable new Daffodil in 50 years. Pay particular attention to Milk and Cream. Shirley Temple and Supreme. All are great new varieties. In Tulips we recommend Blandford and Benvenuto, two clumps we first brought to America last year. Black Parrot and a new black Tulip, is spectacular this year. You'll have a field day with this full's catalogue, it is full of varieties only bulb collectors know.

How do you get our unusual catalogue? Send 25 cents. This sum provides you with all of our publications for a year, including the Spring Issue of the 1954 catalogue.

Sincerely,
Amos PetriNgall

WHITE FLOWER FARM
The Complete Nursery
Litchfield, Connecticut

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AVOCADO
continued from page 107

Soften the gelatin in cold water; dissolve in boiling water. Add the lemon juice, salt and sugar. Stir in the avocado pulp. When mixture begins to congeal, fill small ring molds that have been brushed with salad oil. Refrigerate for at least 4 hours. Unmold on slices of pineapple. Fill center of rings with orange sections.

In the half-shell salad

Chill avocados; cut in halves lengthwise and remove the seed. Place on individual salad plates; decorate with watercress. Fill cavity with the following dressing, allowing for each serving:

1 tbsp. French type olive oil, 1½ tsp. lime juice, 1 tsp. salt, dash of brown sugar, freshly ground pepper and ½ tsp. white rum.

Dressing for fruit salad

3 oz. cream cheese
2 tbsp. lemon juice
½ tsp. salt
½ cup cashew nuts, chopped
½ cup mayonnaise
½ cup cream
½ cup avocado pulp

Work cream cheese until soft and smooth, blend in the lemon juice, salt and nuts. Fold in the mayonnaise, cream and avocado pulp. Chill before using.

Avocado Oporto

3 avocados
Juice of 1 lime
4 tbsp. powdered sugar
3 tbsp. port wine

Mash the ripe avocados with a silver spoon (Continued on page 112)

MANUSCRIPTS

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WHITE SHRUB
continued from page 96

deciduous bush is that it spreads at the base by root suckers which can make new plants.

A second cool-as-custard white, Stewartia ovata, is compatible with almost any garden soil. The 8-ft.-tall tree reaches about 15' in maturity, is fairly erect, with broad, deep green deciduous foliage with 3" leaves. The white, 3" flowers have showy, orange anthers, and aside from its creamy bloom, the stewartia has bark of an interesting texture; it flakes off somewhat like the sycamore in light and dark patterns.

Three other handsome shrubs (potent aristocrats of midsummer gardens) are Gordonia alatamaha (also called the Franklin tree), Abelia grandiflora (glossy abelia), and Hibiscus syriacus (known as shrub hibiscus or more sentimentally, rose-of-Sharon).

White flowering gordonia, almost equally well known as franklinia, is actually the legendary 'lost gordonia' discovered in 1770 by plant hunter John Bartram along the banks of the Altamaha River in Georgia—the only place where the species was ever found growing wild. Bartram named this tree-shrub with its lovely five-petaled white flowers after his friend Benjamin Franklin. Whether you plant it for the effect of a bush-like small tree or a large shrub, it easily will reach 20' in height. Golden stamens and anthers set off the waxy white, 3" blooms which appear from July to October. Individual florets are about %" long and wide.

Glossy abelia, a half-evergreen shrub useful for hedge plantings or as a fine white plant for summer accent, makes a 4'-6' growth. Bell-shaped flowers appear from July to frost in loose, open clusters with a mer accent, makes a 4'-6' growth. Bell-shaped flowers appear from July to frost in loose, open clusters with a white-flushed, pinkish tone. Individual flowers are about ¾" long and wide. Glossy abelia stands considerable shade and takes hold in average soil with a sunny location.

Glossy Abelia grandiflora, a half-evergreen shrub useful for hedge plantings or as a fine white plant for summer accent, makes a 4'-6' growth. Bell-shaped flowers appear from July to frost in loose, open clusters with a white-flushed, pinkish tone. Individual flowers are about ¾" long and wide. Glossy abelia stands considerable shade and takes hold in average soil with sufficient moisture. Where winters are severe the shrub may lose its leaves (north of Boston and Philadelpia), or the branches may die back to the ground (around Boston), but they will grow anew and the shrub bloom unaided each year. Its arching branches form makes it invaluable for 'facing down' other shrubs. Like clethra the cost is often the gelatin in cold water; dissolve in boiling water. Add the lemon juice, salt and sugar. Stir in the avocado pulp. When mixture begins to congeal, fill small ring molds that have been brushed with salad oil. Refrigerate for at least 4 hours. Unmold on slices of pineapple. Fill center of rings with orange sections.

In the half-shell salad

Chill avocados; cut in halves lengthwise and remove the seed. Place on individual salad plates; decorate with watercress. Fill cavity with the following dressing, allowing for each serving:

2 tbsp. French type olive oil, 1½ tsp. lime juice, salt and sugar. Stir in the avocado pulp. When mixture begins to congeal, fill small ring molds that have been brushed with salad oil. Refrigerate for at least 4 hours. Unmold on slices of pineapple. Fill center of rings with orange sections.

Dressing for fruit salad

3 oz. cream cheese
2 tbsp. lemon juice
½ tsp. salt
½ cup cashew nuts, chopped
½ cup mayonnaise
½ cup cream
½ cup avocado pulp

Work cream cheese until soft and smooth, blend in the lemon juice, salt and nuts. Fold in the mayonnaise, cream and avocado pulp. Chill before using.

Avocado Oporto

3 avocados
Juice of 1 lime
4 tbsp. powdered sugar
3 tbsp. port wine

Mash the ripe avocados with a silver spoon (Continued on page 112)
fork. Whip to a velvety cream with the powdered sugar and lime juice. Blend in the part wine, Pile in sherbert glasses. Serve with a not-too-sweet cookie.

Avocado ice
1 cup milk
1 cup sugar
½ cup lime or lemon juice
2 avocados

Dissolve the sugar in the milk. Add the lime juice and the avocados that have been mashed and then whipped until smooth and velvety. Pour into freezing trays and freeze.

Points on buying and storing
Ripeness: The avocado reaches its full exotic flavor when dead ripe. Ripeness is determined by shaking the fruit to see if seed rattles slightly. If purchased green, allow to ripen at room temperature and then refrigerate.

Storing: To store a section of avocado, rub the exposed area with citrus fruit juice, wrap in wax paper or aluminum foil and refrigerate.

CRABGRASS continued from page 109

The other is a group known as phenyl mercury acetates, PMAS for short, and may also be applied at any time during the active growing cycle of the weed before the seeds are formed. The accepted rate of application is generally 2½ ounces of 10 per cent solution in 5 gallons of water for every 1000 square feet of lawn. Apply this thoroughly and three times at 30-day intervals. The crabgrass may linger for one or more weeks after that but will succumb. One of the most popular and effective brands of this material is a dry one known as Scot. For the liquid types a knapsack or other sprayer will give better results than a watering can, and dry forms can be applied with a standard lawn fertilizer sprayer.

Either type can do a fine long-range job. Either one can fail you if you don’t follow directions or if the weather turns on you. It is quite likely that repeat applications will be necessary on this account. But the evidence is in, the remedies are well tested and, if you really want to, you can keep crabgrass under control.

For absolute elimination of all crabgrass, you will probably have to hand weed between the latter part of July and early August, when the crabgrass plants are big enough to see and pull easily. A few minutes after dinner on summer evenings, or half an hour or so every Saturday morning will keep a relatively crabgrass-free lawn in a position to grow the good turf that everyone wants.

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