

Just Three Pieces
To Pinafore Apron



AS YOU see from the little diagram, this pinafore apron consists of merely three pieces, that practically put themselves together. What could be simpler and quicker to make? And 8755 is such a practical, satisfying household help, too. It protects the hole of your dress, top and skirt, and simply won't slip off the shoulders. If you're sick of sloppy-looking difficult-to-fasten aprons with cross-buttoning effects in the back, go-on-over-the-head design with cheers of joy, and make it up time and again.

Choose polka dot percale, flowered calico, checked gingham or plain chambray for this (you can finish it in a few hours) and trim with bright ricrac braid.

Pattern No. 8755 is designed for sizes 34, 36, 38, 40, 42, 44, 46 and 48. Size 38 requires 2 1/2 yards of 25-inch material. 8 yards braid or bias binding. Send order to:

SEWING CIRCLE PATTERN DEPT.
Room 1324
211 W. Wacker Dr. Chicago
Enclose 15 cents in coins for
Pattern No. Size
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Address

To Check Constipation
Get at Its Cause!

If constipation has you down so you feel heavy, tired and dopey. It's time you did something about it. And something more than just taking a physic! You should get at the cause of the trouble.

If you eat the super-refined food most people eat, the chances are the difficulty is simple—you don't get enough "bulk." And "bulk" doesn't mean heavy food. It's a kind of food that isn't consumed in the body, but leaves a soft "bulky" mass in the intestines.

If this common form of constipation is your trouble, eat Kellogg's All-Bran regularly, and drink plenty of water. All-Bran isn't a medicine—it's a crumbly, toasted cereal. And it will help you not only to get regular but to keep regular. Made by Kellogg's in Battle Creek. If your condition is chronic, it is wise to consult a physician.

Suspicion's Tongue
See what a ready tongue suspicion hath!—Shakespeare.

Miserable
with backache?

WHEN kidneys function badly and you suffer a nagging backache, with dizziness, burning, scanty or too frequent urination and getting up at night, when you feel tired, nervous, all upset... use Doan's Pills.

Doan's are especially for poorly working kidneys. Millions of boxes are used every year. They are recommended the country over. Ask your neighbor!

DOAN'S PILLS

BARGAINS

—that will save you many a dollar will escape you if you fail to read carefully and regularly the advertising of local merchants

IN THIS PAPER

Wardrobe of College Girl Has
Attractive, Pace-Setting Styles

By CHERIE NICHOLAS



OF ALL the highspots in a college girl's life, what adventure so charged with thrills and moments of excitement as the mad, merry quest for back-to-school "clothes" that recurs each fall of the year!

The college girl's what-to-wear problem certainly received the perfect answer recently in a preview of fashions presented in a series of style clinics held in the great, known far-and-wide Merchandise Mart of Chicago where gather semi-annually hundreds of merchants who are ever on the alert to sense fashion trends in advance. The two coats illustrated herewith were particularly stressed as types style-ambitious co-eds are sure to favor.

You can tell at a glance the message of the model to the right. Yes, it's most assuredly spotted fur! Leopard and ocelot and fur of kindred type will fairly stampede the spectator sport grandstand when the football season is on. It is a youthful fur and it's going to be the "rage" this season. In the picture it trims a zipper coat in olive green. The bag problem is solved with a muff bag of the ocelot worked with the self-wool that fashions the coat.

Fashion scouts looking for the ideal black coat this season will hail the model to the left as a real "find." It has a zipper fastening. You'll love the big pockets bound with Persian lamb (very smart again this season) and the hood is detachable, may be worn as a collar. Black is tremendously smart this season; keep this in mind when you go to look up new coats.

With almost uncanny wizardry designers are designing such ingenious contrivances as linings that zip in and out of coats in the twinkling of an eye, jackets, coats, and even

dresses are made reversible and with a mere sleight of hand gesture of the wearer your garment is a monotone or a vivid plaid at your will. Hoods are convertible into collars, detachable pinafore skirts give you two dresses in one, and for more change this same double-duty skirt serves as a cape. A handbag is a handbag one moment and the next it develops into a muff; hats have removable brims, and so on this necromancy in wearing apparel continues. It behooves every college girl to seek out fashion's "latest improvements" for it means economy in dress as well as being first in your set to proudly flaunt the "new."

Just a word about the little pen-and-ink sketches in the background of our illustration. They are items gleaned from the aforesaid style preview that will "put you wise" as to a few of the fashion highlights that will enliven your college career.

Mentioning them briefly, there's the American jeweled flag pin at the top to the left that tells of the widespread vogue for patriotic jewelry. Wear it on your lapel. And the cunning fringed shawl of green jersey with hat to match. See it centered to the left? It's adorable. Below note the many-strand necklace and bracelet of large pearls. It's the latest. The sketch at the center top tells you that huge fur pockets on coats are tres chic. A triangle or square babushka head kerchief of multi-colored gleaming rayon satin worn peasant style you must have. You will not be able to resist a brush wool sweater with lacy crocheted hood as shown below to the right. The snow-white house robe of fleecy texture as sketched center below is destined to become a college girl classic. This robe is "big news."

Novelty Purse
Two-Piece Dress
Looks Like a Suit

One of the most successful fashions for early fall is the two-piece dress that looks like a suit. You will see the smartest models with the new two-piece look developed in wool, in satin and in velveteen this fall. This type dress makes you look thin, for there is absolutely no bulkiness round the waistline. Thus the long-torso line is accentuated.

In some instances skirts are seamed on to the new longer-length jackets, which actually gives impression of a two-piece. Often large flap pockets are added, the newest idea being for pockets made of flat fur.

Patriotism Theme
Becoming Popular

Wear a bejeweled flag pin. Everybody's doing it. Perhaps you like the American eagle better and it is spreading its jeweled wings on many a suit lapel.

The vogue for patriotic themes extends to every phase of fashion. The new star pattern prints are very attractive. Red, white and blue checked taffeta is being made up into children's dresses. Milliners are making hat and bag sets of red, white and blue jersey.

Pinafore Prettiness

Pinafore styles meant for play and sports occasions have lost none of their demurely decorative features. Many of them have lace edges on their pockets, collars and cuffs. Ruffles at hems and shoulder straps, shirring on pockets, and quaint matching bonnets that tie with a bow under the chin, are some of the favorite details.

FARM
TOPICS

SOIL DRAINAGE
IMPROVES LAND

Lower Water Table Aids
Better Root Growth.

By H. B. ROE
(Professor of Agricultural Engineering, University Farm, St. Paul.)

Proper soil drainage does not rob the land of needed moisture during times of drouth, but instead it helps plants develop deep roots early in the season thus resulting in better crop yields. Drouths have been no more severe in this country since drainage programs were started about 1905.

In the spring of the year or during periods of excessive rainfall, fields often become saturated with moisture and the water table, or level of "free" water, comes close to the surface. The roots of most crop plants cannot live long in "free" water and they will not grow down into it, but instead, they mature while still very short and shallow and after that practically cease to grow. As a result, when later dry spells come along, evaporation takes place, the "free" water surface drops and the topsoil dries out, leaving the shallow rooted plants "high and dry." Poor quality and yields of crops thus result from poor drainage.

Tile drainage removes only the excess or free water from the ground, it cannot drain off the capillary moisture that surrounds each grain of soil and is so necessary for plant growth. When the land is tile-drained, excess water is taken off early in the spring and plants develop normal, vigorous roots that are better able to reach moisture during dry periods.

That shortage of soil moisture is not caused by open drainage ditches, is proved by a study made in 1929, with state and federal agencies co-operating. It was found that where ditches average about eight feet deep, with two feet of water in them, no drainage effect was evident beyond 330 feet away from the ditch, and the average lowering of the moisture level by ditches a mile apart was only three inches. This has only a negligible influence.

Drainage programs started in Minnesota in 1905 have not been the cause of our recent dry years. During the 20-year period 1882 to 1901, Minnesota enjoyed an average of only one inch more rainfall per year than during the "drouth" period of 1918 to 1937, and going still farther back, the period from 1837 to 1856 was even drier, with an average precipitation nearly two inches below the 1918 to 1937 level.

Terraces Can Be Built
By Farm Operations

Terraces now being built for erosion control on thousands of farms can be successfully maintained without special equipment and without loss of time by planning farming operations and cropping systems, in the opinion of E. L. Hansen, assistant in agricultural engineering at the University of Illinois college of agriculture.

Building up the terrace ridge, rather than tearing it down, is easiest when farming operations are parallel to the terrace. Back furrowing to the ridge when plowing is probably the most effective. Disking also helps when the ridge is not straddled, especially with a single disk.

Cultivating parallel to the terraces eliminates the possibility of loosening the soil on top of the ridge which may result in over-topping of the terrace during a heavy rain. This often occurs when the direction of cultivation is across the terrace, since the depth is difficult to regulate when crossing. The ridge height may be lowered several inches as a result of one crop of corn.

If more maintenance is required, Hansen recommends a few rounds with a blade grader to keep terraces working efficiently.

Watch Silo Walls,
Farmers Warned

Farmers who contemplate putting up grass silage are being reminded by agricultural engineers to check the reinforcements around their silo wall and to make sure the inner silo surface has a protective coating.

Grass silage exerts a greater bursting pressure in silos than does normal corn silage, and its juices are more strongly acid, and hence more likely to corrode masonry walls than corn silage.

Fall Plowing

When plowing for wheat this fall it is best to "jump" all draws where grasses have healed old gullies. Where raw gullies are plowed in, it will pay to work them down at once and sow them to grasses or winter barley. With the remainder of the field left rough until wheat sowing time, fall rains will soak into the soil instead of gathering into the old gullies. By the time the wheat crop is sown, the gullies will be protected by the mass of grass roots.

AROUND
the HOUSE



Items of Interest
to the Housewife

Potatoes that are to be French fried should stand in cold water at least an hour before cooking.

Dogs having access to the house should be kept thoroughly clean and free from fleas. Serious damage may be done if fleas enter rugs or upholstered furniture.

One soon learns by handling pots when managing house plants that if pots are light the plants are dry; if heavy they may be left without water for a time.

Helpful Economy. — Why not plan to have fresh and stewed fruits for dinner when the family is dining alone? If these are substituted for rich pastries and puddings, you will note an improvement in your digestion as well as your pocketbook.

Mint and herbs should be washed in cold water, wrung dry in a cloth and chopped with a sharp knife. If carefully dried thus they will be crisp and, instead of clinging in a wet mass to the knife and board, will be quickly chopped to powder. The board also will not be stained green or require special attention to clean.

A rug sometimes becomes badly creased. To remedy this, turn it upside down and wet the crease with a moistened broom, until the rug is quite wet; stretch the rug tight and let it remain overnight after fastening it with tacks which do not rust.

It is a good plan to disinfect sinks and other drains once each week.

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King Midas Flour

Order a sack of King Midas Flour — mail the coupon found in every package and 50 cents — and the six lovely teaspoons will be yours. It is easy to obtain a complete set of Marigold Pattern Silverware by saving King Midas coupons. Ask your dealer or write to KING MIDAS FLOUR MILLS MINNEAPOLIS, MINNESOTA

Discriminate Reading is much better to trust yourself to a few good authors than to wander through several.—Seneca.

A BIG HELP TO HEALTH!

Nation Needs More Vitamins and Minerals, says U. S. Department of Agriculture

Note the benefits of delicious oranges

Government nutritionists say: Fully half our families get too few vitamins and minerals to enjoy the best of health! So make it your family rule to enjoy oranges every day.

Just peel and eat them for grand daily refreshment. Or keep a big pitcher full of fresh orangeade handy.

An 8-ounce glass of juice gives you all the vitamin C you normally need each day. Also adds vitamins A, B1 and G, and the minerals calcium, phosphorus and iron.

This season the wonderfully juicy California oranges are plentiful in all sizes. Those stamped "Sunkist" on the skin are Best for Juice and Every use! Order them next time you buy groceries.

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