

Math, Physics Modernized

A modernized mathematics and physics program, running from the first grade through high school, highlights curriculum changes in Birmingham schools this year.

First and second graders will learn arithmetic with the help of a computational device called the American abacus. The abacus was used in first grade sections on an experimental basis last year. Ann Sumera supervises the program.

An accelerated math program for qualified junior high school students will feature beginning algebra in the eighth grade instead of the ninth and a condensed two-year course to be completed in one year. Grade school graduates showing extraordinary mathematical ability will be entered in a special seventh grade math section which covers seventh and eighth grade work in one year, leaving eighth grade free for first year algebra.

THE LONG RANGE aim of the present pace is to allow future high school students to fit a beginning calculus course into their 12th grade schedules.

A high school physics course, developed by Massachusetts Institute of Technology scientists, is still in the planning stage and may be started either this year or next. Birmingham is waiting for one of the state's universities to initiate an in-service training program to provide consultant help to teachers before it schedules the new course.

Harlan and Pierce elementary schools will try out a new system of teacher assignment, designed to allow instructors to specialize in their fields of knowledge.

INSTEAD of taking their four academic courses—language arts, social studies, science and arithmetic—from the same teacher, as has been the practice, fourth, fifth and

sixth graders will learn from two teachers, instructing two subjects. Teachers will work in teams of two—a science-arithmetic and language-social studies instructor in each pair. They will begin the day with full sections and trade sections at midday. Other new courses in junior high school include a required seventh grade world geography and an optional ninth grade Michigan history class. Second year German and a dramatics course will be offered in high school.

Check Four Points For Good Shoe Fit

In order to be sure the shoe really fits, follow these check points:

1. Press the toe of the shoe until you feel the tip of the big toe and second toe—they should be one-half to three-quarters of an inch from the toe of the shoe.

2. The widest part of the child's foot should be at the widest part of the shoe—the ball of the foot and ball of the shoe should meet exactly.

3. It should be possible to grasp a small fold of leather at the side of the vamp. If the leather wrinkles, the shoe is too wide. If the leather is tight and bulging, it's too narrow.

4. When the child walks, the shoe should not gape at the sides or back. Let him walk around for several minutes before you decide to buy the shoes so you can check them in action.

Tie Reading To Progress

Although textbooks are the primary tools of teaching, books of all sorts, from novels to encyclopedias, comprise an everlasting fund of learning, knowledge and custom. Even the books one dislikes hold a challenge that awakens the mind to a critical attitude, which is the beginning of wisdom.

Encouraging children to read widely, critically and imaginatively is viewed by most educators as the most helpful single thing parents can do for youngsters they want to be well-educated.

Recent surveys have shown that development of the reading habit in children is followed almost immediately by noticeable improvement in their schoolwork.



A BULKY SHETLAND . . .

A must for any well-rounded campus wardrobe. All wool, sizes 34 to 40. Char-Brown, Char-Grey, Navy, Beige, Heather green, Red, Yellow.

\$8.98

SPECIALIZING IN SIZES 5 TO 15

Nadons

MIRACLE MILE SHOPPING CENTER

Telegraph at Square Lake Road

FE 8-9655

Open eves. till 9

Campus Wear Fashions Part Of Education

There's a new concentration on planning for the future, first for education and then for careers, in the minds of students going to college this fall.

Appropriately, the college girl's choice of clothing reflects her interest in preparing for her role in life to come. The wardrobe she plans will be right for her present "career" as a student yet will show her awareness of the adult world as she goes to take her place in it.

She knows that being neatly and becomingly dressed brings the reward of increased self-confidence, and, to gain this reward will base her wardrobe on a practical combination of new fashions with tested classics and dollar-stretching separates.

Her interest in fashion trends expresses her alert, enthusiastic outlook. And, just as career opportunities in an increasing number of fields are opening to the woman college graduate, the college girl finds in the variety of new fashions more scope for expressing her personal tastes.

AMONG the popular looks are the blouson, the chemise and the trapeze. Newest is the trapeze, a form of fashion geometry that's a favorite.

The trapeze jumper and the pyramid coat are campus dependables, with the trapeze dress—perhaps in velvet or faille—often appearing for extra-curricular events.

The chemise look is frequently seen in separates—the long line, easy sweater, blouse or "putover" plus skirt. The lightly fitted dress with a "relaxed" jacket is another coed choice.

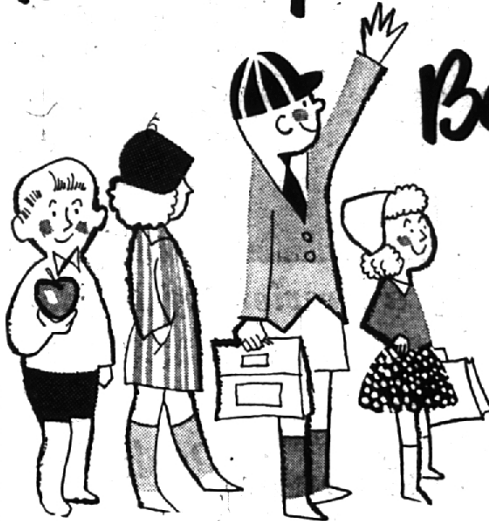
Blousons, or bloused tops, are favored components with skirts, Bermuda shorts and kiltie skirts. The bloused look moves to the skirts of college formals, with modified harem or balloon shaping.

THE DOUBLE breasted boy coat, the warmly lined motor or car coat—the shirtdress and the jumper are high on the list of classics for college.

Many fashion innovations give freshness to these classics—chemise styling for the shirt-dress, for instance, and either trapeze or chemise effects for the jumper.

Back to pencils

Back to books



Gee, Kiddies, it's just about time for that first day of school! All our stocks are fresh, new and complete in styles and sizes. Here we can show just a few of the many we have.

SADDLES are still the first choice and we have a large selection of styles and covers.



MARY JANES and **PUMPS** STYLES too—in shiny patents.

BOYS' Brown or Black SCUFF TOES for rough wear — and that will clean up for Sunday, too.

LOAFERS for Boys and Girls in leather or suede, Black, brown or grey. **FLIP JACKS**, too.



IMPORTANT

Our stocks are complete in Orthopedic Shoes, Long Counters, Thomas Heels with wedges. We are equipped to handle all orthopedic work.

McSWEENEY'S
FINE FOOTWEAR

Orthopedic Shoes For Children

All children's shoes are correctly fitted by Mr. McSweeney

OPEN FRIDAY TILL NINE

277 Pierce St., Birmingham

MI 6-4488

YOUNG LADIES' DAYS

Mon., Tues., Wed. Before 6 P.M.
HAIR CUTS, Under 14, \$1.00
14 Years to 17, \$1.50

donnell Hair Stylists

Miracle Mile Shopping Center
Highway 6 at S.P. 21, FE 8-9655