

Girls to form drill squad; professionals to instruct

Eighty sophomore and older girls will be eligible for membership in a new drill squad, to be formed next year, according to Mrs. Melva Anderson, vice-principal of girls. "They will be marchers," said Mrs. Anderson, and have professional instruction.

Meeting three days a week in their first period gym class, the girls will be drilled by Mrs. Diane Bigbee, present Gendrills instructor.

Mrs. Bigbee has been hired to teach only one period during the week, according to Mrs. Anderson. She is a professional instructor of dance, giving private lessons as well as teaching the Lincoln and Grant dancers.

"As soon as they are a crack

team, they will perform," said Mrs. Anderson. A name and a uniform have not yet been selected, although this will be done immediately next fall.

Although the gym class is technically a sophomore class, the juniors and seniors in the drill team will have their schedules arranged with a first period study hall so they can attend the drills. Regular members of the class will receive a gym credit.

Members have already signed up and obtained permission from parents to participate. There will be tryouts for the team in following years, according to Miss Helen Cherry, who helped plan the team.

"There are a few positions open," added Mrs. Anderson. "If any girl wants to enter she should contact her counselor," she advised.

Behind wheel driver's course to aid students

Behind-the-wheel driver education classes are scheduled again this summer from June 12 to August 29 for a series of two week sessions.

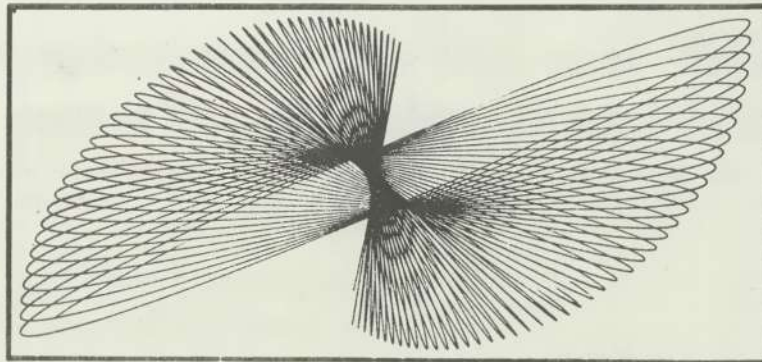
Applications may be obtained in the counselor's office and must be returned by May 19. A fee of \$7.50 will be charged for the lesson and collected with the return of the applications.

Enrollment of all the students who apply is desired, because of limited room for students, the older students will be given preference. Birthdates must be listed on the applications.

Individual assignments will be made after the applications have been returned to the office of the Director of Special Services. Notifications of the date and time of the classes will be forwarded to the applicants.

If there is a change in the student's plans after his class assignment, the office of the special service should be notified so that another student may be substituted.

Students should keep their receipts and stubs from enrollment cards in case a refund is requested. Refunds will be given only to those students unable to attend classes because of conflicting circumstances.



THE FINELY DETAILED heliogram drawing was produced by Mike McGinis in his spare time, using a 9-foot heliograph machine kept in his basement.

Lead weights, papers, odds, ends produce unusual heliogram drawing

by Mike Cochrane

Take two old driveshafts, eighty pounds of lead weight, a small pen, paper and a few other various odds and ends and what have you got? Well, usually you have a pile of junk.

Junior Mike McGinis used these materials to produce a device called a heliograph which turns out very unusual drawings called heliograms.

A simple heliogram consists of two pendulums with a pen connected horizontal rod to one and a paper covered platform stationed on the other.

The pen is placed on the paper covered board and the pendulums are set in motion. Because there are only a few ounces of pressure on the pen, very little friction occurs to slow it down. A drawing averages 10 to 12 minutes and the machine will stay in motion for as long as a half hour.

Mike set up his heliogram in the basement of his home. Hanging the driveshafts from the ceiling approximately 2½-3 feet apart, they serve as the pendulums. The weights are placed at the bottom to give continued momentum.

Using a Leroy pen, whose point is only a few thousandths of an inch in diameter, provides great detail.

"I got the idea about two years ago when my brother made one," commented Mike. He added that a recent trip to the Oregon Museum of Science and Industry where they have a heliogram inspired him to try it. After a few days of working on it in his basement he was making heliogram drawings.

Many different heliographs can be made by regulating the amount of momentum given to the pendulums.

Besides art, heliograms are being used today in science for the study of light and sound waves.

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Room expansion outlined by Orr

Expanding facilities in the counseling office have been outlined by Charles Orr, head of the counseling department. "Next year room 115 will be the college and vocational center," predicted Mr. Orr.

Wayne Robinson and Mrs. Elva Newcomer will have offices in the new space. "There will be space for display," and in the old room 117 "there will be an enlarged waiting room," said Mr. Orr.

"We have lots and lots of material, if we can get them out on tables and display them," he continued, referring to the filing cabinets full of college and vocational material that students rarely see.

Students will be able to walk in and browse about the literature. The expansion was made possible by the addition of the new science wing and the general enlargement of facilities following.

First girls' track members participate in state meet

Participating in the state track meet last Saturday in Springfield the girls' track team entered seven of its qualifying members with only one placing in any event.

Myrtle Warren, sophomore, placed seventh in the state in the shot put event.

Over 50 schools participated in the meet with Lebanon taking the state championship.

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