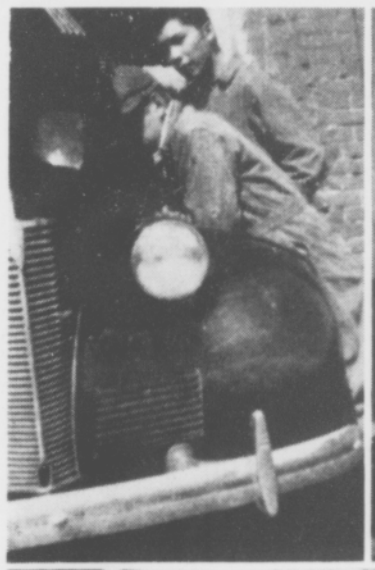

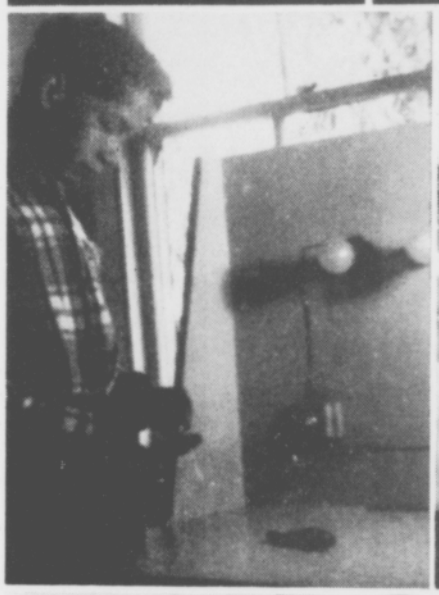

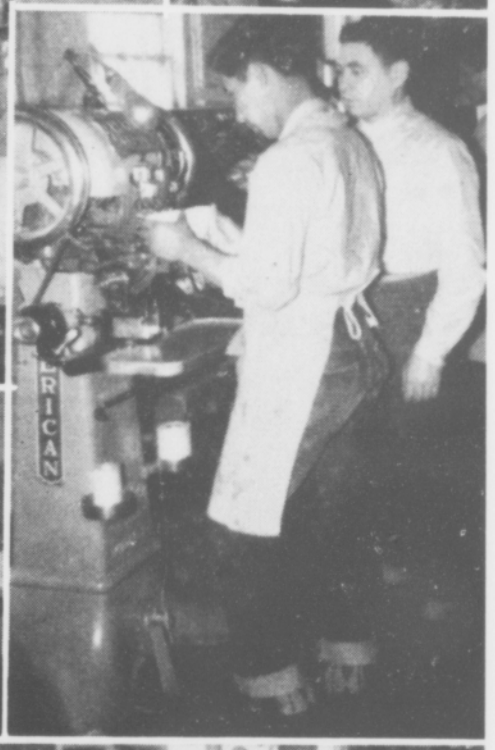

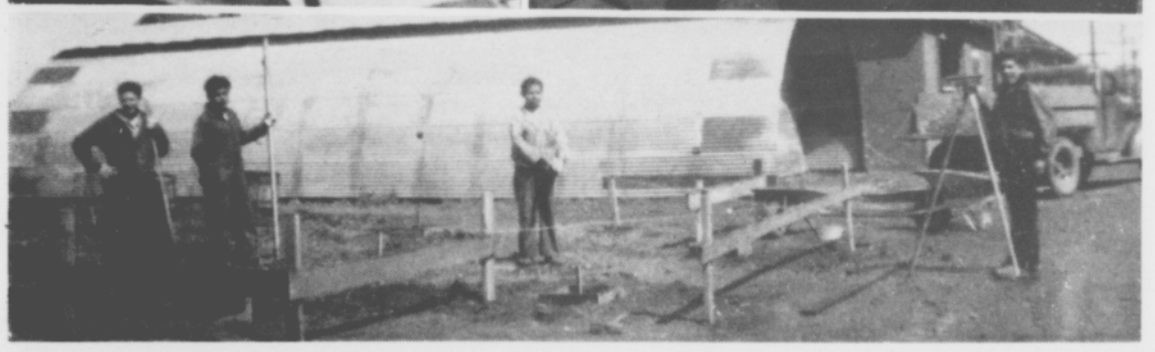

## VOCATIONAL SHOP ACTIVITIES

**Auto Mechanics.** The principles of gasoline engine operation are thoroughly mastered with the aid of cutaway models and stationary mounted car engines in the shop laboratory. Installation of new parts and actual overhaul jobs on the school-owned fleet provides practical training for student mechanics. . . . **Painting.** The fundamentals of the application of various types of paint are carefully studied in the laboratory. Furniture finishing as well as interior and exterior house painting is taught on actual jobs at the school. The joy or satisfaction that comes from making the surroundings attractive with sparkling colors makes painting an interesting vocation . . . **Plumbing.** Pipe fitting for both pressure and gravity flow sustems of conducting water is a basic part of the plumber's trade. Actual installation of new fixtures as well as replacements of worn or faulty valves, etcetera, makes the training in this shop interesting as well as practical.

**General Shop.** The junior high boys start their shop-work in a light cheery shop that is equipped for woodworking, sheetmetal, electric wiring and mechanical drawing. By drawing plans the boy is able to work from blueprints or similar plans in making the projects in the tool skill operations he is learning. A part of an electric wiring panel shows in the cut . . . . **Campus Maintenance.** The boys help the gardener in keep the school campus looking nice. They plant flowers, trim the shrubs, mow the lawn as well as pick up rocks and rubbish that thoughtless persons drop on the campus. We do enjoy beautiful clean surroundings so the boys like to help the gardener . . . **General Shop.** Students of the eighth and ninth grades work in this shop to master the fundamental skills of mechanical drawing, woodwork and home mechanics. The cut shows only a portion of the drawing section. The students in this show make many useful articles for their room or to take home and in addition they repair broken furniture from the school buildings and the dormitories . . . **Shoe Repairing.** The art and skill of adding more service to a pair of worn shoes is taught in a well-lighted modern shop. Training in the proper use of machinery and equipment for retreading shoes is provided and much experience and skill is developed through the repair of hundreds of pairs of shoes for the students of the school. Proper fitting of shoes is also a part of the training given in this shop.

**Printing**. The printing press is one of the most useful machines man has fashioned. In the print shop, the student learns the fundamentals of printing as well as functioning grammar and English. Some laboratory jobs are done in learning to print but actual jobs for use about the school add zest and interest to the training . . . . **Machine Woodwork.** Machinery to take the drudgery out of shaping things from wood has a certain lure for the boy who likes to make things. The whine of the planer and the buzz of the saw as the chips and sawdust fly is a symphony for these students.

**Carpentry.** The construction of buildings is the basic part of the carpenter's trade. Much of the training in this course is done in the routine maintenance of the many frame buildings. The cut shows the student carpenters setting the foundation for the new warehouse which they are building as a project.