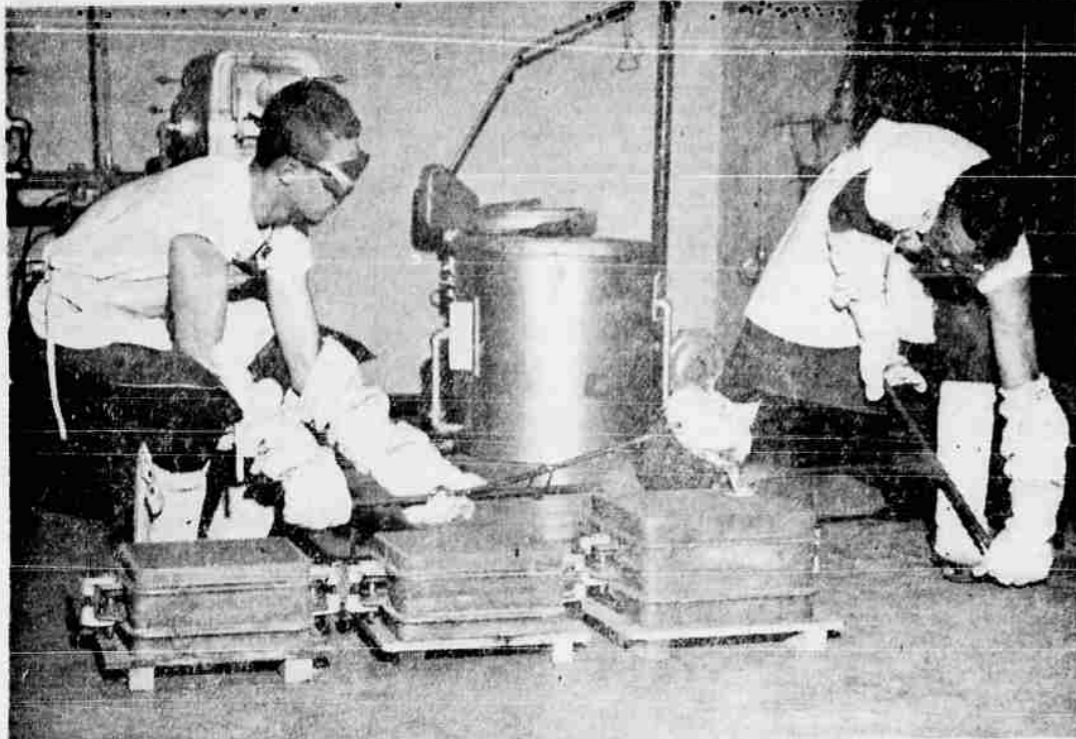
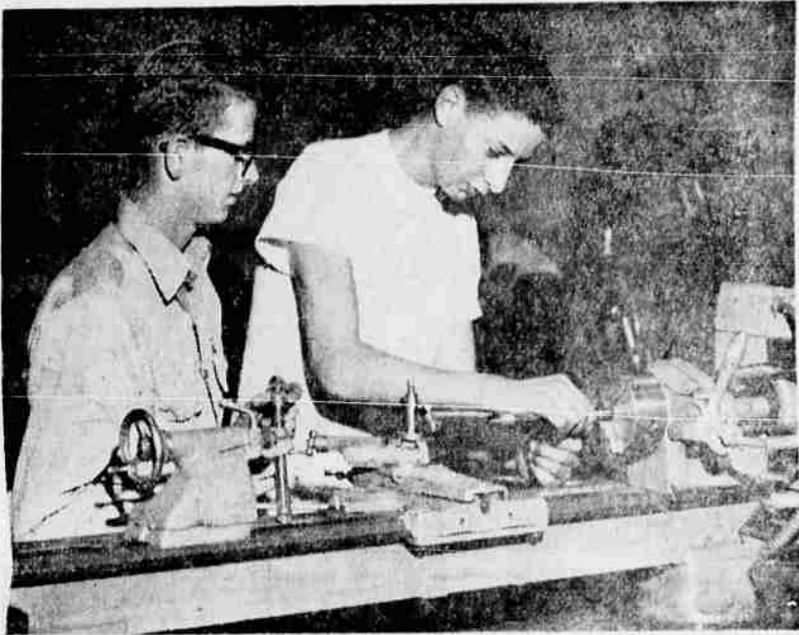


# Basic Skills Are Learned in Shop Program



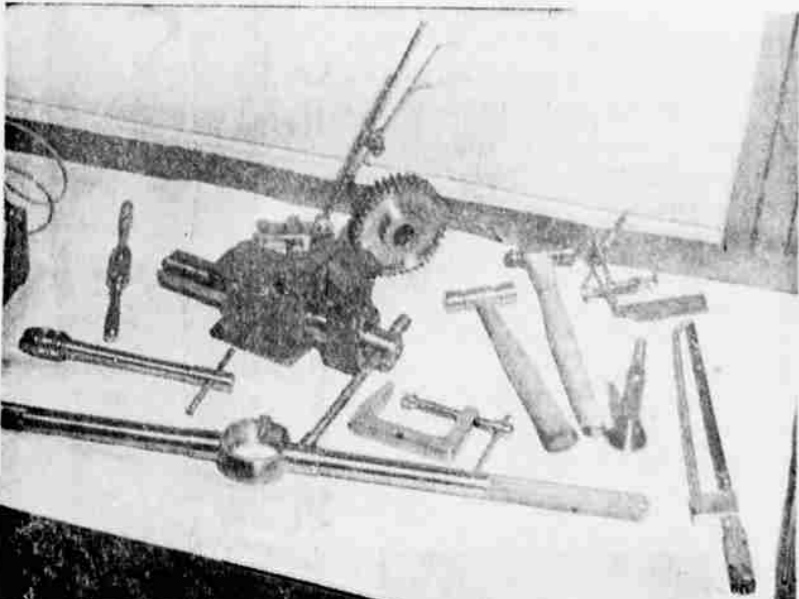
**POUR CASTINGS** — Darrell Hageman, left, and Larry Gunn, students of the metal working class at Medford High school, pour molten aluminum into sand molds in the school's foundry. The operation is never done by students without supervision because of danger involved. Note protective gloves and leg guards.



**MACHINE SHOP**—Jerry Coe, left, and Bill Knorr who are both taking machine shop course at Medford High school, are shown at one of the smaller metal lathes. Much of the equipment is war surplus, acquired through the state board of higher education



**CARPENTERS** — Working on door frame that is part of a good-sized prefabricated building being built in the Medford High school wood working shop, student Barry Holt hammers while Everett Musie keeps the corner square. All phases of wood working, from construction to applying finish, are taught.



**"HOMEMADE" TOOLS**—The tools above, made by machine shop students at Medford High school, include a vise, C clamp, die wrenches, hack saw frame and hammers. Other students have made larger pieces of equipment such as drill presses and grinding wheels. Machining of gears, like the one shown above, is also possible in the shop.

## Various Shops Are Toured by Board Members, Citizens

One of the fundamental requirements of a school program is to provide the education and skills for a person to enter society as an intelligent, useful citizen.

Many students plan to continue their studies after high school in some institution of higher education. But others plan to enter community life upon leaving high school.

Recognizing this, the Medford school district offers programs to meet both needs. Medford students have consistently ranked high academically, a fact brought out by the number who continue their studies in college. For young men who do not plan college work, and for some of them who do, the Medford district offers a shop program in which they may learn some of the basic skills needed in a trade.

The program includes architectural drawing, mechanical drawing, wood shop, general metal shop, machine shop and an automotive mechanics shop.

Last week, school board members and interested lay citizens toured the district's vocational shop facilities and heard resumes by the four instructors who teach the subjects.

They saw future carpenters and cabinet makers at work, students making tools on metal lathes, young men working with sheet metal, the projects of metal craft students, future auto mechanics, and saw molten aluminum poured into a casting form in the only aluminum foundry in southern Oregon.

Leland (Cap) Mentzer, who has taught wood shop at Medford High school for 40 years without missing a day because of illness, reviewed the wood shop program, noting that the first essential in learning carpentry is safety.

There are 55 boys enrolled in the two first year wood shop classes, and 14 in the carpentry, or the three-hour day trade class, Mentzer said. The boys start with relatively simple projects, he said, and progress during the course to more individual projects, and, in the second year work (the carpentry class) learn the basic principals of general carpentry.

Mentzer also teaches architectural drawing, in which students design a floor plan for a structure, and provide an architect's sketch of what the completed project will be.

One student, who Mentzer had in classes a few years ago, designed a house, and upon graduation from high school revised it to fit his needs and built it, Mentzer said.

Students enrolling in the metal shop courses, which are taught by Duane Richardson, first receive a one-hour exploratory class in which the student learns the basic knowledge of working with metal. There are 45 students in the first year general metal course in two classes.

In the second year metal shop, or two-hour advanced course, 15 students are enrolled. Included in the general metal shop are facilities for metal crafts, sheet metal work, bench metal projects and an aluminum foundry.

Richardson also teaches mechanical drawing, a course which starts with basic forms and progresses through complex drawings of pipe fittings and similar items. There are 24 students in each of the two classes conducted in mechanical drawing.

Sixty students are enrolled in the first year, one-hour course in machine shop under Don Hanning. There are 12 in the advanced class, or the day trade class.

Students develop a fundamental knowledge of operating lathes, turning raw material into tools such as die wrenches, vises, clamps, hack saws, and hammers. The finished product is the result of considerable precision work.

The importance of the automotive mechanics program was outlined by Instructor Lloyd Lyda, who noted the increase in the number of motor vehicles on the highways, and the anticipated increase. The exploratory course, or first year, has 118 students in six classes. This is the first year for the automotive mechanics course.

Equipment in the shops, some of which is owned by the district, probably has a value of about \$50,000. However, the title of some of the equipment is held by the state, and much of the machine shop equipment was purchased from war surplus

## Josephine Groups Discuss Budget At Area Meetings

Grants Pass—Several school districts in the Josephine county area are calling special meetings to discuss the defeated county school budget, and what can be done about it, as well as a board order to cancel bus services.

A meeting at Jerome Prairie was held Thursday night, a meeting in Cave Junction Friday evening, and later meetings at Murphy and Merlin are all set for general discussion on why the budget was voted down last Monday, and what the taxpayers want to do about it.

In order to discuss what can be done about the county unit budget problem, 70 to 125 persons, including school patrons and others from the communities of Jerome Prairie, Fruitdale, and Murphy areas, assembled in the Jerome Prairie school gymnasium Thursday night.

Many advocated signing a petition to resubmit the identical budget, without any change, that was defeated.

Another group favored a budget with nearly the same figures as the one which the school district is currently operating.

Reports indicate that about \$1,412,000 was mentioned for the current year's budget.

A proposal to operate "with in the 6 per cent limitation," as threatened by the school board Tuesday night in special session, was declared doomed to failure due to the limitation of funds.

Patrons suggested that representatives of different communities meet with the district board and attempt to reach a compromise budget. They maintained that the figures in the defeated budget were too high.

## Kindergarten to Be Discussed at Event

An open meeting, at which the Junior Service league kindergarten for hard of hearing children will be discussed, will be held at the Rogue Valley Country club May 10 at 1:30 p.m.

This year's progress and the current status of the kindergarten will be surveyed, and suggestions for future improvements are to be received.

This is the annual report meeting attended by the membership of the league, members of the board of directors of the kindergarten, the children now enrolled as pupils, their parents, and their teacher, Mrs. Norman Jahn. The public is invited.

## Appraisers Meet Ends in Salem

Salem, Ore.—A northwest conference of residential appraisers which attracted 100 persons from Oregon, Washington, Northern California and British Columbia ended here Saturday.

Friday several top appraisers said that a current fuss in Marion county over a new reappraisal program of property for purposes of taxation is not solely a local problem, but rather a nationwide furor.

at a considerable savings to the district.

District personnel renovated and reconditioned the surplus machines to get them in working order.

Equipment in the wood shop, which has been accumulating over several years, is owned by the district, as is machinery used in the automotive mechanics courses. Some equipment in the latter department has been donated by local concerns for major companies they represent.

Not all students in the shop courses, however, plan to remain out of school after graduating from high school. Some college-bound students take shop courses because of their interest in the subject or because it is an interesting hobby. Some students plan to continue their education in institutions such as Oregon Technical Institute in Klamath Falls.

Equipment in two of the shops—the wood shop and automotive mechanics shop—are used by adult groups as well as students.

Use of such facilities by adults is in the direction of greater utilization of school facilities in out-of-school hours, a tendency toward which many school districts in the country are moving.

A related training class for carpenter apprentices meets in the wood shop two nights a week, financed by the state division of vocational education and tuition fees. The only cost to the district is provision of facilities. The instructor is paid from state funds and tuition fees.

An auto mechanics vocational class is being conducted evenings for adults who desire to learn the trade. This program, like the carpenter apprentice program, is completely financed by the state division of vocational education and tuition charges. Skilled local auto mechanics serve as instructors, who are paid by the state and through tuition fees.

The adult classes are organized and directed by Lindsay Vinsel, director of adult education for Medford public schools.

The adult education program this year has 93 classes in trade extension, related trades, self improvement, homemaking, and commercial courses. The program involves 1,457 adults, at no cost to the school district.

Costs for the program are borne by the state division of vocational education and tuition charges. The district does furnish facilities, and the time and attention of the adult education director.



**FANCY FOUNTAIN**—Ken Morse, right, made the basins for this waterfall by hammering sheets of copper into a dish shape. Roger Twedell helps him fill the fountain for a trial run. Both boys are students in the metal working shop at Medford High school. Many projects, from full-scale metal furniture to decorative book-ends and dishes are made by members of the class.



**ADJUST CARBURETOR**—Working on the carburetor of a V-8 engine in the auto mechanics class at Medford High school, Steve Bartlett, left, and Theron Boyd learn auto repair by actually doing it. Equipment in the shop includes mock-ups and cut aways of automotive parts, as well as "live" engines. Regular class room instruction periods are worked in with the "learn by doing" sessions.

## Central Point Man Cited After Mishap

Donald Raymond Squire, 31, of 125 North Ninth st., Central Point, was advised by state police that a complaint would be filed against him in district court for failure to yield the right of way as a result of an accident near Central Point Friday.

Squire's vehicle and one driven by Ellet Loyd Hitt, 80, of 3458 Bursell st., Medford, were involved in an accident, at the intersection of Highway 99 and Elk Lumber company rd., police said.

## PROFESSOR DIES

Corvallis, Ore.—Dr. Donald T. Downs, 35, assistant professor of economics at Oregon State college, died here Friday of a kidney disease.

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## MORE RULES

**Rule 5—False Claims**—No article will be accepted or retained which the manufacturer or his agents make misleading statements as to its source, raw material, or method of collection or preparation.

**Rule 6—Unwarranted Therapeutics Claims**—No article will be accepted or retained which the manufacturer or his agents make unwarranted, exaggerated or misleading statements as to the therapeutic value.

**Rule 7—Poisonous Substances**—The principal label on an article containing "poisonous" or "potent" substance must state plainly the amount of each of such ingredients in a given quantity of the product. . . . (More next week.)



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