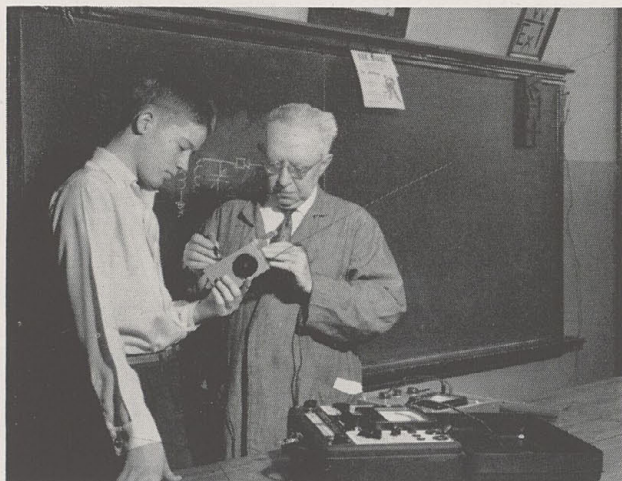


Jim Reynolds and Dan Mitchell use the upright drill in the Metal Workshop.

Jack Adams learns from Mr. William Creighton how to test the voltage of a miniature radio.



Learning by doing

Hughes operates four shops—Printing, Woodworking, Metalworking, and Electricity. Here students not planning to go to college can obtain practical experience in learning a trade.

From the ground floor of the southwest end of the building can be heard the loud roar of the bandsaw or the rhythmic beat of a hammer as a piece of plain lumber is fashioned into a beautiful end table in the Woodworking Shop. And after the table is made, it must be stained and varnished, and rubbed down to a fine finish. Students pay a minimum fee for their materials and are then allowed to take home the products of their labor.

Nearby, in the Metalworking Shop, a metal lathe is trimming down a steel rod faster than the human eye can follow, while an electric saw cuts a piece of copper to exact size.

Not far away, watts and ohms, negative and positive currents, voltage meters, and the precision ticking of the school's electric clocks are under discussion in the Electricity Shop. Learning the practical applications of the science of electronics is a must in this age of public address systems, radio, and television.

Don Walsh observes George Bitsoff as he uses the bandsaw to cut a shelf panel.

