



PAUL BAUER

ERMA ELBERG  
RAY HARTKER  
JOSEPH HOFFMAN  
MARION HUBER

WILLARD HUNDEMER  
MORGAN JONES  
LESTER MONK  
HELEN NEWMAN

ROBERT REUSS  
HOWARD THOMAS  
WALTER WARNER  
OLIVER YOUNGSTROM



Mr. Robert Reuss watches as Eugene Chumbley and Carol Mincey complete an experiment.

In this world of satellites and moon rockets, the training of youth in the various fields of science is of paramount importance to our country. The Hughes science department, among the largest and best in the city, is doing its part in giving students a better understanding not only of the phenomena of nature but also of the man-made wonders of the modern world.

Instruction in science starts in the junior high school, with two years of science and health required in the seventh and eighth grades. The Junior High Science Club, under Miss Newman, stimulates interest in many fields related to science. Speakers and films from different industries are parts of the club's program. Elective courses in science at Hughes include general science, biology, physiology, botany, zoology, physics, and chemistry. These courses are made intriguing and challenging by many experiments using the equipment of the Hughes science department's very excellent laboratories. Another example of Hughes' keeping up with the modern trends is the teaching of two classes with alternate days of television instruction and classroom discussion. These classes are taught by Mr. Monk, one of the new members of the Hughestown staff, and by Mr. Williams.

In summation, the Hughes science department uses many methods in striving to create interest in science and to inspire students to go into careers in this field, which is so all-important to the future of the entire world.

## Engineers So Vital in Tomorrow's World of Space Travel