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EDUCATION

Smithsonian Gets Grants For Air Education

► THE SMITHSONIAN INSTITUTION has received from the Daniel and Florence Guggenheim Foundation a series of grants, totaling \$250,000, to support an exhibit, an annual lecture and yearly fellowships in the field of aeronautical research.

Covering a period of ten years, the grants will go first to a Daniel Guggenheim commemorative exhibit, to be installed in the new National Air Museum building at the Smithsonian in Washington, D. C.

Daniel Guggenheim founded the first school of aeronautics at an American university, the Daniel Guggenheim School of Aeronautics at New York University.

• Science News Letter, 86:20 July 11, 1964

EDUCATION

One Mathematics Test For College Boards

► ONLY ONE mathematics achievement test for college entrance need be taken in the future by many thousands of high school students aspiring to become a part of the science and technical world.

Developed for the College Entrance Examination Board by the Educational Testing Service, a new test, called Level I (Standard), will take the place of the intermediate and the advanced tests that have been needed up to now.

College entrance officers and counselors can use the new test in the same way that they have used the other two tests. The older intermediate test was applied to students who had had no trigonometry and three years of math. The advanced test covered those who had the usual full mathematics courses.

With the progress of mathematics instruction in high schools, the testers expect that most of the students who will take the mathematics College Boards will come from secondary schools that offer five years of mathematics.

• Science News Letter, 86:20 July 11, 1964

EDUCATION

College Science Course Improvements Suggested

► MORE CONTACT with science teachers, more informative beginning courses and more leisure time for reading and simply probing around should be given to college students.

Today's science instruction at the beginning college level needs to be inspected and strengthened if the American public is to be brought to the proper level of scientific literacy, Dr. Paul B. Sears, biologist at Yale University, stated in *Science* 144:1297, 1964.

"What scientist has ever savored his subject . . . by bell and time clock?" he asks, recommending that science teachers should be given the chance to work and teach as a team to broaden the perspective of college science teaching.

• Science News Letter, 86:20 July 11, 1964

Questions

ASTRONOMY—How could the newly discovered compact galaxies and "quasars" confirm one prediction of Einstein's general theory of relativity? p. 21.

BIOCHEMISTRY—What findings indicate that cancer growths may be due to chemical changes rather than to viruses? p. 19.

INVENTION—What is the function of the "ring tail" of a newly patented compound aircraft? p. 30.

MEDICINE—What new device is used for the diagnosis of iron-deficiency anemia? p. 25.

PSYCHOLOGY—How can Negro students in newly integrated classrooms be encouraged to excel? p. 23.

PUBLIC SAFETY—How will plastic bags help persons survive a plane crash? p. 24.

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