

# science and mathematics teachers



encourage your students to enter the 49th (1989-90)



# WESTINGHOUSE SCIENCE TALENT SEARCH

PHYSICS CHEMISTRY BIOLOGY

MATHEMATICS ASTRONOMY

GEOLOGY

HUMAN ENGINEERING

PSYCHOLOGY ANTHROPOLOGY

METEOROLOGY

ZOOLOGY

SOCIOLOGY

ARCHITECTURE

BIOCHEMISTRY GEOMETRY

SOCIAL PSYCHOLOGY

**ELECTRICAL ENGINEERING** 

MOLECULAR BIOLOGY

ECOLOGY

PERCEPTION

CALCULUS

ARCHAEOLOGY

CIVIL ENGINEERING

SOCIAL ANTHROPOLOGY

MOLECULAR GENETICS
GEOCHEMISTRY

SOLID STATE PHYSICS

OPTICS

**TRANSPORTATION** 

LIMNOLOGY

EDUCATIONAL PSYCHOLOGY

ABSTRACT ALGEBRA

**CELLULAR BIOLOGY** 

BOTANY

THERMODYNAMICS

AERONAUTICAL ENGINEERING

**BACTERIOLOGY** 

**ECONOMICS** 

OCEANOGRAPHY

**ENVIRONMENTAL SCIENCE** 

PLANT PHYSIOLOGY

 40 Winners will share \$140,000 in Westinghouse Science Scholarships.

- 300 Honorable Mentions will be brought to the attention of all colleges, universities and technical schools in the U.S.A.
- Hundreds of students automatically will receive recommendations and other assistance toward a college education in schools within states holding State Science Talent Searches.
- For all students, a sense of accomplishment and a measure of self-evaluation that comes from finishing a hard assignment.

## ABOUT THE SCIENCE TALENT SEARCH

More than 14,000 students have been members of the Winners and Honors Groups in the past 48 years. Because of their standing in this oldest and most prestigious competition of its kind, they have been offered scholarships from institutions seeking quality students with proven ability in science and engineering. Many winners in the Science Talent Search are offered summer employment in scientific laboratories and other tokens of early acceptance into the world of science and engineering. Such benefits also come frequently to members of the Honors Group and to those who place in State Science Talent Searches.

### **ANSWERING YOUR QUESTIONS**

**Who May Compete?** Any boy or girl who is in the last year of secondary school (public, private, parochial) who is expected by the certifying school official to complete college entrance qualifications before October 1, 1990 and who has not competed in any previous Science Talent Search is eligible to enter this competition.

How Can Students Compete? Teachers or other school officials must request entry materials for the outstanding science and mathematics students of the school.

What Is A Completed Entry? A project report of about 1,000 words which presents evidence of research ability in science, mathematics or engineering; a Personal Data Blank filled in by student, teachers and principal; standardized test scores and high school transcript.

How Are Entries Judged? Judging is based primarily on the student's report on an independent research project in the physical sciences, behavioral and social sciences, engineering, mathematics, or biological sciences (excluding live vertebrate experimentation).

What Is The Deadline? Entries must be received at Science Service no later than Midnight, December 15, 1989 Get your students to start working on projects NOW RURAL SOCIOLOGY

PARISITOLOGY

PALEONTOLOGY

MINERALOGY

COMPUTERS

SOIL MECHANICS

POLITICAL SCIENCE

CULTURAL ANTHROPOLOGY

MATHEMATICAL BIOLOGY

**ASTROPHYSICS** 

**GENETICS** 

**GEOPHYSICS** 

NUMBER THEORY

MECHANICAL ENGINEERING

**BIOMEDICAL ELECTRONICS** 

AERODYNAMICS

URBAN SOCIOLOGY

PROTOZOOLOGY

ETHOLOGY

TOPOLOGY

QUANTUM MECHANICS

**METALLURGY** 

INDUSTRIAL PSYCHOLOGY

STATISTICS

MICROBIOLOGY

LOGIC

BIOMETRY

CELLULAR CHEMISTRY

CELL PHYSIOLOGY

BIOPHYSICAL CHEMISTRY

BIOENERGETICS

INVERTEBRATE NEUROPHYSIOLOGY

CHEMICAL ENGINEERING

SYSTEMATIC BIOLOGY
COMPLEX ANALYSIS

PETROLOGY

**BIOCHEMICAL ENGINEERING** 

FLUID MECHANICS

ELECTRONICS

**PROBABILITY** 

NUCLEAR ENERGY



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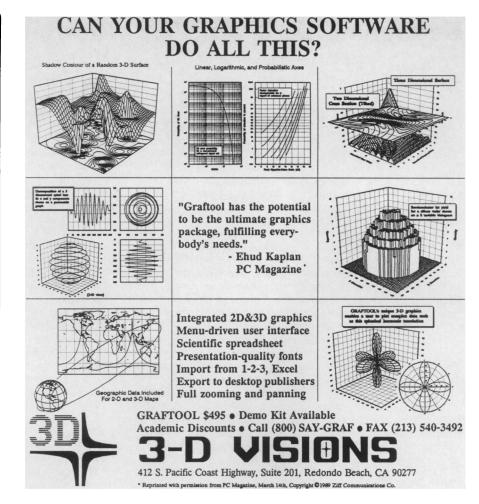
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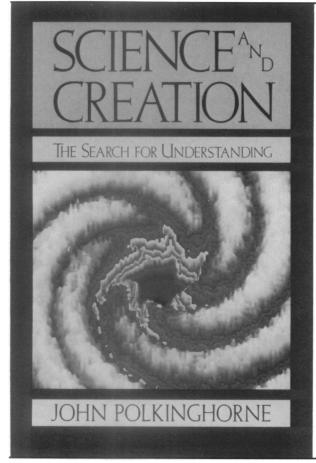
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Science and Creation addresses some fundamental questions about how the scientific and theological worldviews relate to each other. Are we witnessing today a revival by scientists of a "natural theology"—the search for God through the exercise of reason and the study of nature? How do the insights of modern physics into the interlacing of order and disorder relate to the Christian doctrine of Creation? How are the realms of "being" (the world as physics describes it) and "becoming" (the world as we experience it) related in the physical universe and to God's involvement with it? What is the relationship between mind and matter? An absorbing example of a scientifically trained mind grappling with the problems of theology, *Science and Creation* provides a fresh perspective on the perennial question of how God interacts with His world. Polkinghorne, Dean and Chaplain of Trinity Hall, Cambridge, is a Fellow of the Royal Society and former Professor of Mathematical Physics at Cambridge University. - from the publisher

New Science Library, 1989, 113 pages, 9" x 6", paperback, \$8.95, ISRN 0-87773-492-5

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