

The Weekly Newsmagazine of Science

SCIENCE NEWS

October 14, 1995
Vol. 148, No. 16
Pages 241-256



Meteoritics' Rocky Start

ITALIEN

Maasstäbe

Preussische Linien

Deutsche Meilen



55th Annual Westinghouse Science Talent Search



\$205,000 in scholarships will be awarded to high school seniors in the 55th Annual Westinghouse Science Talent Search for research projects in science, mathematics and engineering

One	\$40,000 scholarship	(\$10,000 per year for 4 years)
One	\$30,000 scholarship	(\$7,500 per year for 4 years)
One	\$20,000 scholarship	(\$5,000 per year for 4 years)
Three	\$15,000 scholarships	(\$3,750 per year for 4 years)
Four	\$10,000 scholarships	(\$2,500 per year for 4 years)
Thirty	\$1,000 scholarships	(payable upon matriculation)

Basic Requirements — Entrants must be high school seniors during the 1995-96 school year. Primary emphasis is placed on a written report of an independent research project in the physical sciences, behavioral and social sciences, engineering, mathematics, or biological sciences (excluding live vertebrate experimentation). The research project must be the work of a single individual. Group projects are not eligible. An Entry Form, designed to elicit evidence of creativity and interest in science, is also required, along with an official high school transcript, available standardized test scores, and statements and recommendations from teachers and/or supervising scientists.

Important Note — Sons and daughters of: (1) employees of Science Service Inc.; (2) employees of Westinghouse Electric Corporation, and their affiliates and subsidiaries; and (3) evaluators of the Westinghouse Science Talent Search, are not eligible to enter the Science Talent Search.

Winners Selection — Three hundred semifinalists are selected from entries received (usually about 1,600) after careful evaluation by a team of 40 evaluators and judges specializing in a variety of scientific disciplines. Forty finalists are then selected from the semifinalists and invited to Washington, D.C. in March 1996, for final judging by a board of 11 distinguished scientists.

The Rewards — Three hundred semifinalists benefit in the following ways: (1) recommendations to colleges and universities for admission and financial assistance, (2) certificates of achievement for students and teachers, (3) a sense of accomplishment and a measure of self-esteem that comes from finishing a difficult assignment. The 40 finalists, selected from the semifinalists, are also awarded a trip to Washington for the six-day, all-expense-paid Science Talent Institute for final judging and a chance to share \$205,000 in scholarships.

Sponsors — Since its inception in 1942, the Science Talent Search has been funded by Westinghouse Electric Corporation and administered by Science Service, a Washington-based nonprofit organization.

Deadline —

December 1, 1995

Entries for the 55th Annual Westinghouse
Science Talent Search
(1995-96 school year)

Entries must be received by 11:59 p.m. on Friday, December 1, 1995, at Science Service, 1719 N Street, NW Washington, DC 20036. If the judging process has not been completed, late entries will be accepted ONLY if (1) metered in a U.S. Post Office by November 24, 1995, or (2) sent by a carrier that guaranteed delivery in writing by the deadline. Entries may NOT be sent by telefax.

We strongly recommend early entries to avoid any disappointment or delivery delays. NOTE: The U.S. Postal Service's Registered or Certified Mail is for tracking purposes only, and is NOT the same as Express Mail, which delivers overnight. Priority mail DOES NOT GUARANTEE IN WRITING delivery in two days.

NOW AVAILABLE

SEEKING — and Finding —
SCIENCE TALENT

**A 50-Year History of the
Westinghouse Science Talent Search**

Author Tom K. Phares provides a comprehensive history of the Westinghouse Science Talent Search from its inception in 1942. Entertaining prose leads you from the meeting of the two founders of the STS at the World's Fair in 1939 to the accomplishments of past winners — five of whom went on to become Nobel Laureates; to the dedicated individuals behind the winners; through the arduous judging and evaluation process; to the educational opportunities that open up to STS finalists. Also included as appendices in this informative review are a list of the finalists' names from 1942 to 1990; lists of major honors received by former winners; and a list of the 32 high schools that have produced the most winners. (Published by Westinghouse Electric Corporation, 1990; paperback; 122pp.)

To obtain a copy, send \$3 (to cover postage and handling) to STS History, Science Service, 1719 N Street, NW, Washington, DC 20036.

WRITE OR CALL FOR MORE INFORMATION, OFFICIAL RULES, AND ENTRY FORM

WESTINGHOUSE SCIENCE TALENT SEARCH, c/o SCIENCE SERVICE, DEPT. STS, 1719 N STREET, NW, WASHINGTON, DC 20036
(TELEPHONE: 202/785-2255)

SCIENCE NEWS®

The Weekly Newsmagazine of Science

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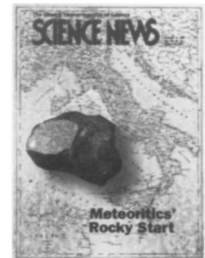
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Cover: This stone is one of several meteorites that struck Siena, Italy, in 1794. Before that event, few believed that a shower of stones could come from the sky. The time and place of the Siena fall may have prompted the first serious studies in Italy and England of the phenomenon of meteorites. (Photo: Natural History Museum, London; cover photo illustration by Mark Gilvey, Design Imaging)

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Science Service, which publishes SCIENCE NEWS, is a nonprofit corporation founded in 1921. It gratefully accepts tax-deductible contributions and bequests to assist its efforts to increase the public understanding of science, with special emphasis on young people. More recently, it has included in its mission increasing scientific literacy among members of underrepresented groups. Through its Youth Programs it administers the International Science and Engineering Fair, the Science Talent Search for the Westinghouse Science Scholarships, and publishes and distributes the *Directory of Student Science Training Programs for Precollege Students*.

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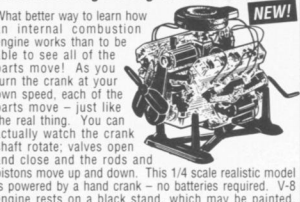
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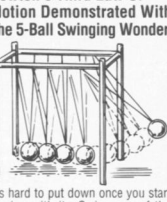
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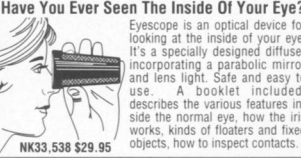
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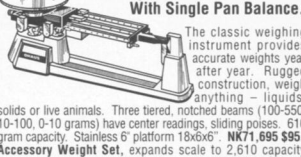
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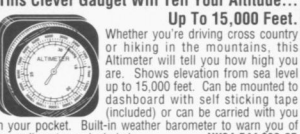
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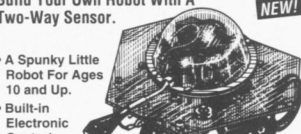
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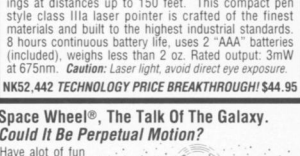
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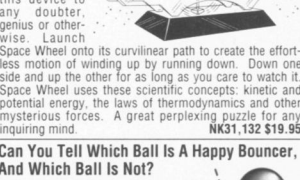
Deluxe Space-Age Gyroscope Performs Gravity Defying Feats, Rotates 3 To 5 Minutes.

Demonstrates 'gyroscopic inertia' or rigidity in space as first recorded by Sir Isaac Newton in the 17th century. An object rotating about a fixed axis holds its position with respect to inertial space, no matter how the spinning object's support is moved about. Gyro-controlled guidance and navigation systems are used in ships, planes, missiles and space craft and used in mapping/survey work, oil drilling and motion-picture production. Laser gyros, advanced control mechanisms and gyroscopic principles are an important part of technology. Measures 3 1/2". NK38,647 \$9.95




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