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SCIENCE NEWS LETTER

®

THE WEEKLY SUMMARY OF CURRENT SCIENCE



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A SCIENCE SERVICE PUBLICATION

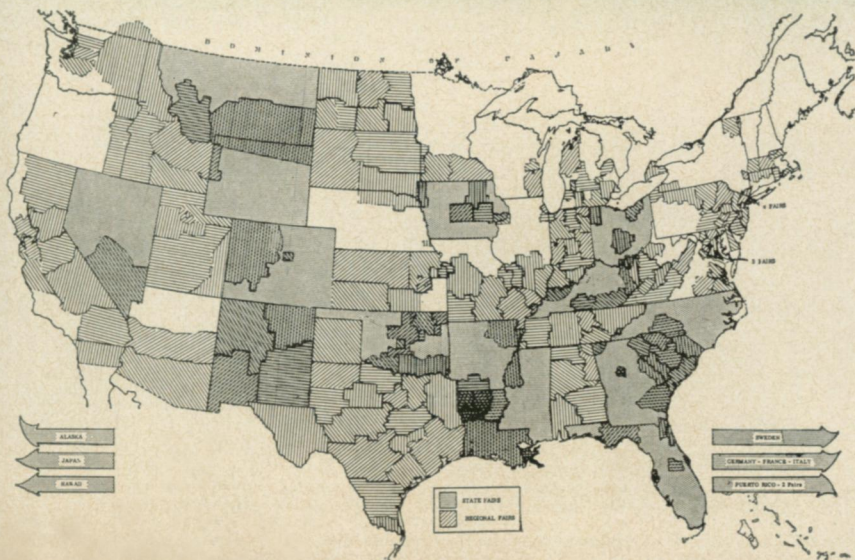
THE **SCIENCE SERVICE**

National Science Youth Program

**SCIENCE CLUBS OF AMERICA • SCIENCE TALENT SEARCH
NATIONAL SCIENCE FAIR - INTERNATIONAL**



OVER 1,000,000 BOYS AND GIRLS PARTICIPATE



The Youth of Today will become our Scientists of Tomorrow through the motivation and stimulation of this international program of SCIENCE SERVICE activities for encouraging interest in science.

Science Youth Program . . .

A million strong, young scientists of the nation do projects. They perform experiments of their own devising. They show exhibits in science fairs. In science clubs, they supplement their school classes with enthusiastic hobby activity, learning while they "have fun."

Long before our fear of sputniks and Russian education created a renaissance in science interest, the National Science Youth Program, supplementing American science education, was begun under theegis of Science Service.

Even before Pearl Harbor, its basic structure was planned. During World War II Science Clubs of America was organized. There are now some 20,000 affiliated clubs in senior and junior high schools, and even elementary schools.

As the institution for the popularization of science with scientific and journalistic trustees, Science Service has been engaged in reporting and interpreting advances in the world of science and technology since 1921. Out of this experience there came the conviction that there would be a greater

An extensive national and international movement directed by Science Service stimulates and gives scientific experience to the youth of the world.

demand for well-equipped scientists of all descriptions. The youth program was designed to implement this need.

To discover those high school seniors whose scientific skill, talent, and ability indicate potential creative originality, the Science Talent Search for the Westinghouse Science Scholarships and Awards was inaugurated in 1942.

Science fairs are held each spring in almost every secondary school, at least 15,000 of them. The best student exhibits are sent to regional or area fairs which now number over 200, which in turn send top winner finalists to the National Science Fair held annually since 1950 in different cities. This culminating event is now the National Science Fair-International due to the participation of finalists from Japan, Thailand, Germany, France, Sweden and Canada. Science clubs are also international with more than 500 clubs overseas being serviced on the same free basis as those in the United States.

"October—National Science Youth Month" was inaugurated and sponsored by Science

Service as a means of catalyzing the beginning of school science youth activities for the year and enlisting the cooperation of diverse organizations engaged in science youth activities.

As part of the National Science Youth Program, Science Service develops and distributes experimental kits, books and pamphlets promoting scientific experimentation and provides basic and background information in all fields of science.

Other major activities of Science Service contribute to the National Science Youth Program. Science Service's service to newspapers, reaching a total circulation of over 10,000,000, informs teen-age science enthusiasts. SCIENCE NEWS LETTER with a circulation of over 70,000 reaches a select audience of non-scientists and scientists alike, including students and science teachers.

THINGS of science, experimental kits containing unusual specimens, explanations and experimental directions, have been issued monthly since 1940. Production of these kits has introduced many young people to the joys and techniques of science experimentation.

Science Clubs of America

Active groups of young scientists, guided by sponsors to creative experiment, find that "science is fun." Today's youth are tomorrow's scientists.

SCIENCE CLUBS OF AMERICA is dedicated to the development of science interest and talent and through its affiliated clubs in the U.S.A. and other countries seeks to stimulate an increasing knowledge and understanding of science.

The school clubs plan their activities mainly around biology, chemistry, physics, astronomy, general science, mathematics or some combination of these.

Science club membership averages 22 members, but it ranges from a somewhat exclusive-sounding roster of three members to one all-out activity involving 750 students.

Clubs are sponsored by teachers of every science subject in the curriculum. Most teacher sponsors are drawn from the science faculty, but some teach other subjects. Clubs also are sponsored by a great variety of people who are entirely outside of the teaching profession. A random sampling turns up an accountant, a Cub Scout den mother, a dentist, an executive of a scientific supply company and a veterinarian.

In preparation for science activities, science clubs frequently program project workshops and seminars where science students, teachers and professional scientists offer suggestions on project ideas and exhibit techniques. SCIENCE NEWS LETTER regularly carries news of SCA affiliated science clubs.

Most club programs and activities are planned and carried out by club members, with the sponsor acting in an advisory capacity. Such a plan allows ample scope for the development of leadership, responsi-

bility, initiative and creative ideas among the student members. The sponsor often is able to act as liaison between the students and community organizations, school administrators, scholarship foundations, scientific libraries and professional societies.

Science Clubs of America cooperates with many groups such as junior academies of science in science youth activities.

A free copy of the SCA Sponsor Handbook and other educational aids are sent to the sponsor to help in the organization and conduction of interesting and worthwhile activities for a successful science program.



SCIENCE CLUBS OF AMERICA AFFILIATION

1719 N Street, N.W., Washington, D. C. 20036

Please enter my class, group or club for annual affiliation with Science Clubs of America without charge. Send me the free educational aids and tested science techniques. I understand that

we shall have the cooperation of the SCA staff in organizing and helping us conduct interesting and worthwhile activities. Please keep us informed on the National Science Fair-International and the Science Talent Search.

My school is: Elementary Jr. High School Sr. High School

My group is from: Club Classes Other _____ No. of club members _____

Science Fair in my school: Yes No I read Science News Letter: Yes No

Name of Sponsor _____
(Sponsor must be a science teacher, parent, adult leader or professional scientist.)

Position _____

School or Organization _____

Address _____

City _____ Zone _____ State _____