GENERAL SCIENCE

# President Endorses OSYM

## October as Science Youth Month has been endorsed by both President Johnson and Vice President Humphrey, who emphasize the need for expanded science education.

➤ OCTOBER HAS BEEN ENDORSED by President Lyndon B. Johnson as National Science Youth Month, an annual event inaugurated ten years ago by SCIENCE SERVICE and joined in by 55 national organizations.

Thousands of local science students and their teachers are beginning out-of-school science activities and in-school science projects during October. Many professional and technical societies will devote one meeting this month to promote science youth programs.

Parent-teacher associations will also accent the part that adults play in aiding science club and science fair projects and hobbies in the field of science.

In addition to the endorsement of October as the National Science Youth Month by President Johnson, Vice President Hubert H. Humphrey has added encouragement and inspiration to those associated with youth and science. He states:

"There have been astounding advances in science and technology in the 10 years since the first celebration of October—National Science Youth Month. Today, the need for creative scientific research and development is greater than ever before. In some 30,000 secondary schools throughout the nation, students and teachers are beginning a new school year of learning and self-demonstration of the principles and use of science and technology.

"More than a million boys and girls are now beginning work upon scientific projects of their own devising. These projects will eventually be shown in science fairs—first in the schools themselves, then in regions, and finally, in a few instances, in the International Science Fair. It is essential that this kind of effective science education be vigorously pursued in all parts of America.

"Now and even more so in the future, no industry, virtually no calling or activity can be immune to the necessity of understanding science—its applications and its implications. In their scientific work in classrooms and at home, students must continue to aspire to excellence. The most active participation in scientific study and re-creation of classic experiments of the past can give our youth real understanding of scientific and technical methods and results.

"I commend the teachers who so crucially serve our pupils—tomorrow's scientists and engineers. And I greet and congratulate the more than 50 scientific, educational, industrial and governmental groups who join so well in this year's October—National Science Youth Month."

In the schools, alert teachers are reorganizing their science clubs. Each teacher or adult sponsor who forms a group or class for science study has the opportunity of affiliating with Science Clubs of America, a national organization of more than three-quarters of a million students and some 25,000 teachers, conducted by SCIENCE SERVICE.

Affiliation brings a large packet of "know-how" information, without charge. Any teacher or other adult who is organizing science youth will be affiliated upon request to SCIENCE SERVICE, 1719 N St., N.W., Washington, D.C. 20036.

• Science News Letter, 88:245 October 16, 1965

THE WHITE HOUSE

WASHINGTON

October 1, 1965

October marks our nation's observance of the Tenth National Science Youth Month.

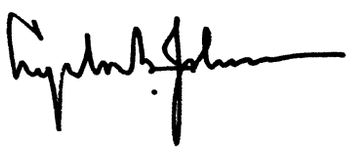
It is a month in which we emphasize the importance of science in our daily lives.

I am particularly pleased to see that this observance is drawing the participation of many thousands of schools, together with 55 national scientific, educational, industrial, and governmental groups.

It provides guidance and inspiration for those students who are to become the future scientists of our nation, and it acquaints many others with the significant and highly diversified role which science plays in our industry, education, and government.

I want to congratulate and commend all teachers who are engaging in the vital responsibility of informing our young people about the opportunities for scientific careers.

To you and to all who take active part in the programs of National Science Youth Month, I extend my very best wishes for a successful and rewarding experience.



AERONAUTICS

## Costly Research Balloons Return to Earth Safely

➤ EXPENSIVE RESEARCH balloons which in the past were lost after one-time-only flights can now be recovered for further use.

The recovery system brings the balloons back to earth intact whereas formerly they were destroyed after releasing their scientific payloads. Some 80 research balloons costing from $2,000 to $30,000 each have been launched this year by the Air Force Cambridge Research Laboratories alone.

Developed by James Payne of AFCRL, the recovery system employs two parachutes in tandem, the lower one returning the scientific payload and the upper one returning the balloon.

Following controlled deflation of the balloon, the upper parachute, which has a sizeable opening in its center through which the neck of the balloon is fitted, rides up the balloon's neck as the spheroid is deflated.

The center hole has a cylindrical nylon sleeve attached to it.

The sleeve envelopes the balloon material as it deflates and literally wraps it in a protective nylon package for its return to the earth.

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