

is forced to live in a home in which he is not wanted.

Some children are growing up in homes and neighborhoods where aggressive behavior is considered the approved way of solving a difficulty.

There is a wide difference between temporary maladjustments, however, and those that have been allowed to develop into permanent problems.

Hostility can be reduced by helping a person gain some insight into the situation and into the behavior both of himself and others.

The National Education Association recently completed a broad, nationwide study that centered around the role of the school in the prevention, correction and treatment of delinquent youth. Under the direction of Dr. William C. Kvaraceus, the project staff included a psychologist, cultural anthropologist, sociologist, psychiatrist, pediatrician and criminologist.

The study showed that:  
The majority of delinquent behavior problems stemmed from cultural rather than emotional factors, mainly in lower-class groups.

The emotionally disturbed child who becomes a delinquent is more likely to be from a middle-class family.

Some lower-class youngsters may be disturbed but the majority are essentially normal.

The National Education Association proj-

ect staff recommended that schools conduct a preventive program in which potential delinquents are identified, work with the families of disturbed or delinquent youth as well as with law-enforcement and court personnel, provide leadership in community efforts for the prevention and control of delinquent behavior.

Dr. Romaine P. Mackie, chief, Exceptional Children and Youth, U.S. Office of Education, points out that there is a critical shortage of professionally qualified special educators.

It is estimated that 200,000 are needed and only about 50,000 are available, she said, to give special help to the 6 million school-age exceptional children in this country.

Exceptional children include the gifted along with the mentally retarded, those with serious social or emotional problems, or with sight, hearing, speech, crippling or other health handicaps.

For some, special education means having school brought to them in a hospital, convalescent home, in their own home or in an institution where they receive 24-hour education and care. For others, it means going to a special school or to a special classroom in a regular school building.

But for most of the exceptional children, Dr. Mackie says, probably three out of every four, opportunity to enroll in a program of special education is not available.

• Science News Letter, 82:226 October 6, 1962

#### GENERAL SCIENCE

## News From Science Clubs

► SCIENCE CLUBS beginning their activities for the 1962-63 school year have sent the following reports to Science Clubs of America.

The J.M.H.S. SCIENCE CLUB, James Madison High School, Vienna, Va., sent a memo to all science teachers about club activities planned for the 1962-63 school year. The memo expressed the need for the science department and science club to be more closely associated and asks for the support of all science teachers. The club has expanded its program to interest all students who enjoy science and will hold a scheduled meeting every two weeks.

THE JUNIOR STARWATCHERS of Orangeburg, S. C., are emphasizing wide reading in astronomy and have professional scientists of the area as guest speakers at their monthly meetings.

The members of the J.J.H.S. SCIENCE CLUB, Jackson Junior High School, Louisville, Ky., co-sponsor a Science Careers Day for seventh grade students and the adult consultants become "Dutch Uncles and Aunts" of the students.

The SCIENCE CLUB of Rittenhouse School, Norristown, Pa., has a club project to classify the trees and shrubs around their school.

The BI-PHY-CHEM SCIENCE CLUB, Edgewater High School, Orlando, Fla., holds a three-week slide rule course for the chemistry, physics and mathematics students of the school. Last year the club initiated the formation of an Orange County Science Council.

The most effective programs of the P.S.J.A. CONSERVATION CLUB, Pharr-San Juan-Alamo High School, Pharr, Texas, are field trips, movies from the Texas State Department on Game and Fish, and sponsoring a botanical garden on the school campus.

The ROUND VALLEY SCI-MATH CLUB, Round Valley High School, Springerville, Ariz., schedule displays of information about science materials available to students at county and regional science fairs. One of their club projects is to select and sponsor a group of members on a field trip of scientific importance. Last year five seniors and their sponsor attended the annual AAAS meeting in Denver during the Christmas vacation.

Discussions of possible and completed projects are most effective as programs for the PHYSICAL AND BIOLOGICAL CLUB of Resurrection School, Los Angeles, Calif.

The purpose of the BIOLOGY CLUB at Oak Park-Forest River High School, Oak Park, Ill., is to introduce members to biologists actively engaged in public health, applied and research biology.

ECHOES OF EINSTEIN from the Sarah Scott Junior High School, Terre Haute, Ind., report that their most effective programs are demonstration-lectures and field trips.

Affiliate your clubs with Science Clubs of America and send reports on club activities to the national headquarters at 1719 N Street, N.W., Washington 6, D. C.

• Science News Letter, 82:227 October 6, 1962

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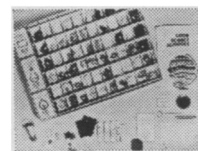
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