

Super Science High School (SSH)

Aim of research: To develop education programs intended to raise young leaders in the 'super society' through acquisition of systemized scientific knowledge, cultivation of global viewpoints and nurturing of moral values.

Integrated decision making

The ability to make comprehensive judgment based on knowledge acquired through study and experience is essential in modern society, facing various global issues such as environmental problems. Students need to be able to identify potential problems and have the knowledge and skills to deal with them. Developing the ability of "integrated decision making" is going to be of greater importance in realizing a "sustainable society".

Global point of view

Programs to develop students' ability to think from global point of view

S2SS

Special subject "Science English"

In this program, students learn to make effective presentations in English. They are required to read and analyze English research papers in the field of science. The program includes workshops and English lectures so that the students will be prepared to communicate with other scientists all over the world.

SO

Study abroad

Students stay with local families in the U.K. or Australia during their vacation, and study English at local schools or other institutes. Through this program, students learn to appreciate different viewpoints.

Systemized scientific knowledge

Programs to motivate students to appreciate scientific thinking

JO S

Frontier science lecture

Researchers in frontier fields of science are invited to give lectures and perform experiments.

S1

Visiting professionals

Students visit researchers at universities and other institutes in order to come into contact with the latest developments in science.

S2 S SO



Pioneer studies in science

Students experience pioneer studies in science under the guidance of postgraduates and researchers.

S2 S



Science project

Students visit various institutes in order to learn about state-of-the-art science and technology.

Active roles in the sustainable society

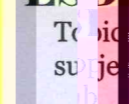
Active roles in a sustainable society

Programs to develop students' ability to approach global issues from various angles

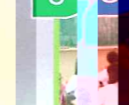
S2



S2 S



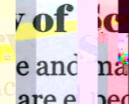
J S



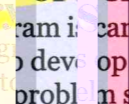
S



J e



J e



Inquiry of science I

In science and mathematics classes, students are expected to deepen their basic knowledge in natural sciences.

Inquiry of science II

This program is carried out in all subjects to develop students' scientific thinking, problem-solving skills, and abilities for integrated decision making.

S2SS



S2SS S3SS



Special subject: "Mathematical Modeling and Analysis"

Students learn to solve problems from a mathematical point of view and learn to take an objective view of social matters.

Research project

Students carry out their original projects in groups and present their results at conferences.

