

## SSH Program Descriptions (Excerpt)

<p><b>SSH Lecture</b>  <i>Science and Mathematics Course</i>  <i>International English Course</i></p>	<p>Kyuyo senior high school invites researchers from places like universities to give lectures in their area of expertise. Sometimes lectures are given in English.</p>
<p><b>Super Science Club</b>  <i>Science and Mathematics Course</i>  <i>International English Course</i></p>	<p>Utilizing time after school, holidays and long-term vacations, students conduct research activities in cooperation with laboratories of research institutions such as the University of the Ryukyus and Okinawa Institute of Science and Technology Graduate School. Students take part in scientific contests, exhibitions and meetings of SSH researchers and submit their works to them. Students also take part in events and meetings sponsored by SSH designated schools to exchange information and foster friendship.</p>
<p><b>Kyuyo Meteorological Observatory</b>  <i>Science and Mathematics Course</i>  <i>International English Course</i></p>	<p>Students learn how to analyze and interpret meteorological information gathered from the Internet as well as the school observatory.</p>
<p><b>Four Compulsory Science Courses</b>  <i>Science and Mathematics Course</i></p>	<p>Students take four compulsory science courses (physics, chemistry, biology and earth science) to build a solid foundation in science.</p>
<p><b>Science English</b>  <i>Science and Mathematics Course</i></p>	<p>Students learn how to express their own research in English. To practice speaking, they give presentations in English using presentation slides and posters. To practice writing, they write the abstract of their research paper in English. In 2015 some student groups are writing their whole research paper in English.</p>

<p><b>School created subjects</b>  <b>"SSH research I, II, III"</b>  <i>Science and Mathematics Course</i></p> <p>SSH research I (1st grade)</p> <p>SSH research II (2nd grade)</p> <p>SSH research III (3rd grade)</p>	<p>Three research subjects are created to enhance scientific knowledge and skills of students.</p> <p>Students engage in various activities such as basic observation and experiments in the four fields of science (physics, chemistry, biology and earth science) and math. This aims to draw their interests towards science and math and help them prepare for the comprehensive research assignment required in the SSH research III.</p> <p>Students conduct their own research through the process of finding problems and its solutions. They also give interim- and final presentations on their research. Upon research completion they start writing research papers that include "purpose, hypothesis, experiment, result, discussion and conclusion."</p> <p>Students finalize their research papers they started in SSH research II. The abstract of the papers must be written in English.</p>
<p><b>Tokyo Tsukuba Study Tour</b>  <i>Science and Mathematics Course</i></p>	<p>Students visit various educational institutions in Tokyo and the City of Tsukuba such as JAXA, National Museum of Emerging Science and Innovations and famous universities in the area. This aims to expose students to the most advanced science and draw their interest towards science.</p>