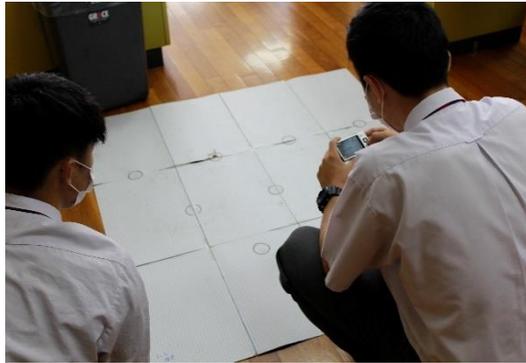


June 2020

#2

SSH Research III status: in progress ! (2020. 6. 2.)



SSH Research III summarizes the content of research conducted in SSH Research II, which was conducted in the second year of science and mathematics. In explaining their research poster and slides, students must strategically present their scientific findings to prevent any misunderstandings. They must compose sentences without excess or insufficiency. Therefore, logical thinking and expressiveness are valuable skills throughout this process. More so, research abstracts are summarized by all research groups in English. This allows our students to build upon their English language abilities, even within the science field.

All groups revealed consistent progression in their research through project review and re-execution for further confirmation. Some groups also utilized more advanced means, partaking in investigated peripheral research and supplementing a theory.

SSH Research I status: in progress (2020. 6. 9.)



This year's renewed SSH Research I has started! Four courses have been established to develop general-purpose abilities: critical thinking, logical thinking, expressiveness, etc. These are necessary for performing research. In the critical thinking course, students learn how to doubt data through the history of science and actual research data. In the data representation course, students learn how to create and visualize diagrams correctly. In data analysis, students use pseudo data to create and analyze data correlations and patterns. In the statistical processing course, students learn about statistical concepts, and they also learn how to handle data effectively. Students were actively engaged in every course.

School Special Subject “SSH Research II” Discussion Day for themes (2020. 6. 10.)



Professors from the University of the Ryukyu came to Kyuyo SHS for Theme Discussion Day. Although there was not enough time because of school closures from March to May, students thought about what theme to study, conducted preliminary experiments and surveys, not only in classes but also lunch break and after school. Then, they made presentations about their researched themes, hypothesis, and researched plans in front of professional instructors from the University of Ryukyu. Students realized the difficulty of presentation techniques and expressions through their presentations. Also, through the questions from instructors, various problems were acknowledged, such as lack of knowledge and further clarification. Let's continue to do our best.

The first guidance committee for SSH Research II (2020. 6. 10.)



After the project guidance session, the first guidance committee was established with experts from the University of the Ryukyus and supporting high school teachers.

Attendees from the University of the Ryukyus are listed below:

Kazuhiro Kogure (Director/Vice President), Mizuki Tsuji (Professor of Faculty of Agriculture), Koji Sugio (Professor of Graduate School of Education), Masahide Furukawa (Professor of Faculty of Science), Toshiaki Teruya (Professor of Education), Akira Fukumoto Zou (Associate Professor, Faculty of Education), Professor Masahiro Maeno (Associate Professor, Faculty of Science), Koichi Yamashiro (Associate Professor, Faculty of Education)

