

2019 Activity Record

August 6th, 2019 SSH Students' Research Presentation Conference



Image: the students in the conference

SSH Students' Research Presentation Conference was held at the Kobe Convention Center exhibition room on the 6th of August, and SS biology club took part in it. Their research theme was "The relationship between production of ultra violet, and searching for the UV absorbers contained in the Okinawa grown plants. This research has been done and developed for five years, it started when the students discovered the UV absorbers from the skin of Beniimo, which is Okinawa grown potato. This year's study was about investigating the UV absorbers from other plants, and *Macaranga tanarius* called Obagi in Japanese, which is a normal type seeds grown in the light place had UV absorbers. This study has been passed on to junior in school, and still keep developing. We expect that even though it is difficult for the students to logically explain the phenomenon and they have hard time even understanding, this allows the students to higher their motivation.

August 19th to 20th, 2019 The 21st District of Chugoku, Shikoku, and Kyushu Science and Mathematics High School Project Study Conference

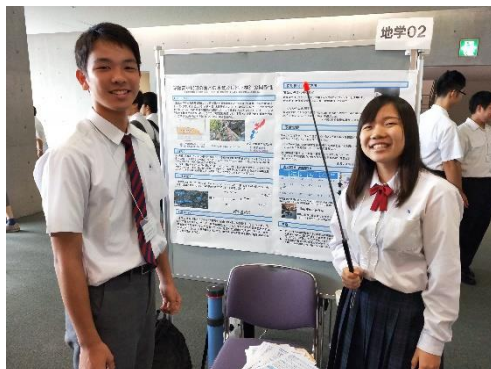


Image: the students in the conference

The 21st District of Chugoku, Shikoku, and Kyushu Science and Mathematics High School Project Study Conference was held at the Yamaguchi Health Promoting Center from the 19th to 20th of August, and two teams of our school (biology and earth science) took part in it. In the field of biology students explained "vegetation of current situation and transition at the Chibana-Joshi" and earth science group made poster presentation about "The relationship between water quality and the nature of the soil of spring water around Kyuyo high school". Both researches are themes about familiar nature. They kept working on the presentation until today. We believed that both teams did best they could and made presentation very well. They are expected to learn scientific thought and expression through discussion with the other participants. They also made friends and received other point of view. They who attended this conference were all seniors, and this is the last time for their presentation. We expect that they will be the next science leader of Okianwa.

August 23rd, 2019 Training Seminar for Teachers about SDGs



Image: Teachers in the seminar

The seminar named as “SDGs and educational reform based on the competency” was held at school’s auditorium and Mr. Sugio Koji who is a professor of educational department at the Graduate University of Ryukyu was invited as the instructor. SDGs is one of the keywords in the Study QuestI and the lecture was to learn what SDGs is like and the reason why we need to understand the idea of competency, and the needs in the education.

In the course of Study QuestI, which has just started this year at special curriculum for international English course students, some members investigate the study using ideas of SDGs and SDGs is also controversial. So people with the idea of being able to make sustainable society are needed in the education. There should be a key point for both teachers and students to keep investigating the study with the viewpoint of SDGs in the course from now on.

August 28th, 2019 SSH Seminar for Okinawa Mathematics Teachers Association



Image: Teachers in the seminar and the students in the lecture

The Mathematic teacher seminar was held at our school and some teachers from Junior & Senior High School at Komaba, University of Tsukuba were invited. This plan started when one of our mathematics teachers visited the school last year to learn excellent teaching method, and our school’s mathematics teachers made plan and called other schools’ mathematics teachers to join the seminar. In the seminar teachers made up ideas of how they could teach students mathematics with viewpoint of inquiry mind based on the teaching materials by Komaba teachers. The instructors taught our 2nd year students of science and mathematics course mathematic using the materials and saw how the students thought and learned to make better teaching aids. It seemed that the students enjoyed the different view of mathematics and got interested in the calculation of integral used just addition and deletion of the graphs.