

**April, 2018**

#1 April 12<sup>th</sup> and 17<sup>th</sup>, 2018

**Orientation on SSH Research I**

Kyuyo High School is the only designated school on Okinawa for SSH(Super Science High School) by the Ministry of Education, Culture, Sports, Science and Technology. We have started the second five-years-designated-term.



1<sup>st</sup> year students received an orientation on the school special subject, SSH Research I, in which teachers explained how the classes would be conducted and how the course work would be evaluated.



First, Mr. Uesu, a chief teacher of the SSH Research and Development Department, asked a question; what is research?" He said, "In researching activity, you obtain deeper knowledge and skills by repeating the process in which finding the problems, hypothesizing and verifying. Sometimes you will be stuck and suffer, but you will enjoy the process by learning. So enjoy! Don't be afraid of making mistakes, and challenge as much as possible."

Image: Students in the orientation class

In SSH Research I, we will have classes for six research areas such as physics, chemistry biology, mathematics, and information technology, from April to November. In each area, we will be able to obtain certain viewpoints, skills and way of thinking that you need to

researching. Also in this stage, you can prepare for SSH Research II, in which we will deepen our study. So it is critical stage to consider which are search area to choose. We should keep it in mind when we study each area.



Earth Science



Physics



### Orientation on school special subject “SSH Research II” (2018. 4. 12)



2nd year students received an orientation on the school special subject, SSH Research II, in which teachers explained how the classes would be conducted and how the course work would be evaluated.

In SSH II, students are divided into six research areas in which they make a team to study. This subject aims students being inquisitive, expressive, having scientific insights and way of logical thinking, not only achievements of their study. For example, when you get those scientific attitudes and skills, the things such as plants and flowers, rocks, sky,



fire, or numbers turn out to look distinctive and interesting. In other words, you open the new world by yourself by finding its charm. Those research mind and skills are related to your future career. Those are what are required when they step into the society. What you need are: ability to identify challenges, ability to make use of knowledge to solve problems. You need those abilities when you reached a plateau.

SSH Research helps you develop those abilities. Let's work and enjoy together!

Image: Students in orientation class

### Orientation on school special subject “SSH Research III” (2018. 4. 11)



2nd year students received an orientation on the school special subject, SSH Research II, in which teachers explained how the classes would be conducted and how the course work would be evaluated. In SSH III, students write paper as an output of their research that they had worked on in the SSH Research II. First, students learn what is to expressing in a game. They were told to think ten

keywords which were associated by a word “dog.” After that, they made a group of four, to find how



Image: Students in the orientation class

many words they had in common. Surprisingly, the result was only two groups had one word in common, the rest of the groups had none. We can learn from this work: an image associated from a certain word varies a lot. When you output something that you are thinking, you should not use unclear expression, or readers or listeners might take your research wrongly or misunderstand what you want to say in

your paper. The ideal of expressing something is it is to be conveyed exactly in the way in which you are aiming

to. To accomplish it, you need to be careful in selecting the words or way to express. Let's learn how to convey what you want to say through writing your paper.