

July, 2018

Kyuyo SSH Science Scope “Nature and creatures in Okinawa ~Snake~” (2018.7.6)

We invited Ms. Yukie Yoshioka, a keeper at Okinawa Kodomonokuni Zoo for the program called “Science Scope” in the laboratory room. This program aims to encourage all the students at Kyuyo, juniors and seniors and Science course students and English course students, to enjoy science. The title of her lecture & workshop was “Talk on Snakes.” Volume 1 is biology-related theme, Snakes! Ms. Yoshioka brought a corn snake. We were so excited to touch the real snake, and it’s a living one, of course! She talked about Okinawan snakes’ habitat of living, snakes’ poison and many other interesting facts. We were so entertained by her talk. We were also able to touch snakes’ skulls and sloughs, which was absolutely exciting experience! We were so entertained by her talks and workshop that we became interested in learning more about snakes. Many of the participants showed their interests to other creatures after the session. This program surely became an excellent gateway to biological science.



Kyuyo SSH×Library Exhibition “Science Library” (2018.7.3~31)

We hosted the collaborative exhibition of SSH and library, called “Science Library.” Mainly presenting the contents of SSH Research II and “Kagakudo 100”-100 books to introduce interesting science, aiming to encourage students to find how exciting science is. Transparent specimens and plants were exhibited in the glass-case in front of the library. Research papers by senior students of SSH III were also exhibited and you could enjoy reading them.



SSH Science English Lab (2018.7.23)

SSH Science lab was held this year, too. In this program, scientific experiments, including explanation, procedures and presentations of experiment, are all conducted in English. Experimenters this year were: Mr. Bojan Brink, Ms. Jennie Li, who are our FLT and ALT, Ms. Alessandra Watson from Prefectural School Education Division of OPBE, Brett Shintani from the Education Center. 49 students joined, and they were divided into two groups: **“Let’s experience a world of very low temperature!”** and **“Who is the murderer? ~Crime Scene Investigation.”** In the low temperature group, students first learned about the difference between heat and temperature, and thermal motion in English. Then they conducted an experiment to use liquid nitrogen. Their eyes were fixed to -196°C substance. In the last part of the experiment, students made ice creams using liquid nitrogen. It must have been so delicious! In the CSI experiment, we conducted an experiment on luminol reaction and ninhydrin reaction. Seeing the liquid emitting a phosphorescent light, students exclaimed in surprise and delight. Then students were given an assignment to find a murderer by using fingerprints detecting experiment. They exchanged their reasoning to reach the conclusion. After the experiments, both groups gave their presentation explaining their experiments each other in English. They made PowerPoints in English in a short time, and did the presentation in English. They were having fun with science-English collaborative lab in this program. Now they are so determined to study English harder!

