

ISS Challenge 2017 —Presentation and Open Examination of Project Study

Feb.17

On 17 Feb., out of all the participants of ISS Challenge, 4 SSH teams and 4 SGH teams were selected to make oral presentations in front of 9th, 10th and 11th graders on the stage of our gym.

It took a long time for all teams (some took even a few years) to complete the study, and their continuous effort enabled the study to be profound and enthusiastic. Three external examiners, Mr. Nobuyasu Morigami (Morigami Research & Consultation for Education) , Mr. Osamu Takizawa (National Institute of Information and Communications) for SSH, and Mr. Kazuyoshi Ishikawa (Takushoku University) for SGH, evaluated us in a warm and encouraging way, then gave a speech about the significance of project study.

We have determined to continue ISS Challenge next year and we hope new teams will follow the tradition of seniors and alumni and will accomplish project study with originality and passion.

<Titles of the project study by 4 finalists >

SSH

1. To find out the reason for bitterness when we make lemon with honey and sugar
- 2.How can we extract and make use of polyphenol?
- 3.From the viewpoint of Whole Plant Reconstruction —Wood fossil of no conduit angiosperms from Minatoso Production in Paleocene Epoch
- 4.Function of pigment in red leaves

SGH

- 1.To break the vicious circle of poverty —Effectiveness and sustainability of after school tuition for free
- 2.What is the significance of our keeping on choosing nuclear power plant?
- 3.Programming of the kids by the kids for the kids
- 4.Verification of an approach —how can we encourage secondary school students to be aware of US military base problem in Japan?

GlobalCafé(#9)

Feb.17

We held the ninth global café in the afternoon of Feb. 17th with two members of a company called 'Team Lab,' which attracts our attention now. Team Lab successfully finished the exhibition of 'Tangled' at 'Disney Art Exhibition' last year. The theme of the café was "What is TEAM? -let's learn and define it with the help of Team Lab." Using the actual advertisement product which Team Lab was requested to create by their client, students enjoyed the stimulated experience. Over 30 participants, including students and teachers enjoyed the workshop.



<Comments by participants(students)>

By participating in the café, we learned important thing about a team. While suggesting a new type of a vending machine, we were aware of how we would be cooperative with other members of the team. We tried not to deny others' opinions and thought about new plans, so we were able to improve the quality of our team. At the same time, we succeeded in efficient work. I took part in this workshop as a member of a football team, and I would like to make use of what I learned today in the football club: the importance of understanding each other.(8th grader)

It was so much fun discussing a theme and creating a new machine by exchanging ideas each other. I felt it would also be fun doing a job like that way. It was unusual to talk with students from different grades, and it was valuable experience. The staffs of Team Lab inspired me to think about my future, as they shared their activities and the working environment with us by showing some photos. (9th grader)

I have been working on a project study which contains creative aspects, so I found a lot in common: how to proceed to complete a project: how much ideas we are supposed to show to others; how we are keen on applying feedback from the clients. I'll apply these in the course of interacting others to enrich my project study.(10th grader)

It was an eye-opening moment that the Team Lab, a new company with a different form as an organization shared the tips to create interesting ideas. The workshop let us learn through the stimulating experience. Their organization chart showed what stereotype we had toward a company. A company without a pyramidal system enables all the staffs to create new products. Team Lab doesn't matter his/her titles, and ages, so that it will be easy for them to exchange opinions freely and create better products. I found it difficult to bring a matter into conclusion, and I needed to control and manage the discussion period: Firstly, to let members exchange ideas like brain-storming; Secondly to let them relate and arrange each idea; Thirdly to let them exchange ideas further and reach the conclusion.

SSH &SGH Conference 2017 -- Presentation of Project Study Result

Feb.18

At Tokyo Gakugei University (GEIJYUTSU-KAN Hall) we held SSH&SGH Conference 2017. Eight schools in Kanto area participated in this conference and more than 100 students enjoyed the program. The audience was also a lot. Not only from the enrolled schools, but people who were interested in this conference gathered and counted 100 in all, which became more passionate and powerful conference than we had last year. Students made the most of this opportunity since their oral presentations as well as poster presentations had the privilege to be examined or to receive essential feedback from professors of Tokyo Gakugei University and other audience. At the end of the program, teachers were impressed to witness the improvement of our students, who were reviewing the significance of their project study and were summarizing their study frankly. Among 12 poster presentations, two students from our school received Award of Excellence. We hope to continue this conference and we will have a lot of audience.

One and Only Seminar @ TGUISS (#7)

Feb.21

Mr. Shingo Masuda, an architect and a designer came to hold the 7th One and Only Seminar. He graduated from Tokyo Gakugei University Senior High School Oizumi Campus, which is the predecessor of present Tokyo Gakugei University International Secondary School. His lecture theme was 'The possibility of Design.' He kindly introduced what he has designed: from small structures such as a fence of a house, a park, to a large construction, a windmill. He explained what architect thinks while creating structures: ideas, technology and other various points. He also told us how his life was after graduating from Oizumi and shared his career with us. Students developed empathy with Mr. Masuda and were able to imagine their potential future ahead of them.

<Comments by participants(students)>

'We were impressed with the house shown in the presentation. It looked like it was inside a swimming pool. I felt it was a new way of thinking. Mr. Masuda says he has tried to remove boundary. The boundary between houses and places where people gather. I would like to apply his way of thinking in my art class. I hope to see the house with a large window and a garden.' (10th grader)

'It was an interesting lecture. I have only a year left before I need to choose which university I will go. I felt this choice would decide my whole life, but it might not be true. Mr. Masuda's career was astonishing and the way he lived was beyond my expectation. He showed us how attractive an architect was, since it is a profession of combining and creating objects from various point of view.' (11th grader)

'I recognized again how attractive houses are. I am interested in architecture. I used to go to one of those model houses. I loved to see photos of houses. I like stylish, unique rooms and houses, and I thought Mr. Masuda's design was nice. I wish I could live in a house like that.' (11th grader)