Feedback
Life will give you countless chances if you keep your eyes on.
SEHS held a lecture delivered by some professors from Tsukuba University in Japan, along with them are some excellent students from SHS, who all came to our school. We felt honored and couldn’t wait for the beginning.
First we got to know Tsukuba University, including the environment and the education quality, which attracted us very much. What really stood out was the courses and teaching schedule. We must attend various and numerous courses to gain more school bonus. Different from Chinese universities, foreign colleges ask for higher demands to students. Therefore, they have to study harder than we do in China. I think it is good for the development of students, some of whom are already quite independent and capable.
Several students from SHS introduced us their research combined practice with scientific theory. Although some of their methods or the feasibility remains to be seen, their spirit of discovery and curiosity is really worth studying from us.
I was a little scared before the lecture began, for I heard that Japanese were not so good at English. Once I read an article about this lecture one year ago, which said that some of these professors even couldn’t speak English. But it turned out that they all spoke good English. For just one year, their English improved so greatly. I learned not only some knowledge on environment, but also their learning attitude and hard work.
We welcome opportunities to study and exchange like this one.

Class 2, Senior 2  Huang TianXiang

高二 2 班 黄天翔
On October 17th Friday, I attended a meeting with some professors and students from University of Tsukuba and some students from Shanghai High School. On that day, I gained a lot.

First, I knew more about University of Tsukuba through the introduction. It was really a very top university. Both the good environment and the good teachers left a deep impression on me.

That day’s lecture was about environment, and through the professors’ as well as the students’ reports of their researches and the lectures, I knew more about the problems and methods that could reduce the pollution.

At first, five students from SHS gave us their reports of their researches. I was amazed at their topics, their researches, and their English. Their themes, the research contents and the methods made me astonished. Although some part of their speech I couldn’t understand, I still gained a lot from their speech. Practice makes perfect. Not only their data but also their oral English, I suppose, have been practiced a lot.

Next, some professors introduced us some of their topics about environment, and I knew there were three main problems called ‘3E’ problems, including Environment, Energy and Economy problems. And there are also some ways to solve these problems. Also there are a serious of ways called “3R”, including Reduce, Reuse, Recycle. In the discussion period, the professor also explained one of the ways that could solve these problems to us. The professor was very kind and patient. He answered our questions in a very patient way.

From those lectures, I knew more about environment problems as well as solutions and future ideas. I realized that the Earth is being polluted by us. Our only home is being damaged. We should take action to protect our home with doing seemingly small things around us.

Most of all, I knew that English is very important when communicating with others. I couldn’t understand all the things mostly because of my lack of English vocabulary. The most important thing I should do now is to practice my English.

That day was really a meaningful day.
Last Friday we attended a special lecture given by Tsukuba University, which left me a deep impression.

It was the first time for me to have the opportunity to attend a lecture with the SHS’s students. At the beginning of the lecture a professor from the Tsukuba University introduced us the school and I found it was so great and I couldn’t help thinking about my future life in the university. After that there came to the part for the SHS’s students to give their report on the experiments they did in the field of Life and Environment. They really performed excellent and I extremely admire their public speaking in English and their spirit of exploration, and I think that's what we lack.

After the students’ report the professors from the Tsukuba University gave us the lecture. From the slide shows and their words I knew that they must have had a full preparation and I sincerely appreciate them to come to such a far and strange place to give us--some senior high school students such a great lecture to let us see the world we haven't seen and to know the things we don't know.

It was undoubtedly a great experience for us to have a lecture like this and I am hoping for more chances like this.

After the lecture, there came to the time for us to communicate with professors and for us to raise questions. I didn't get the main meaning of the lecture so well so that I haven't raised any question. But while I heard the SHS's students’ communication with the professor I felt that I still have to study harder because some of the students at our age has already got the ability to consider the question so deeply.

Finally I want to talk about my sentiment of the activity. It was a precious experience that I learnt a lot from it, from which I found the disadvantage of myself and I've planned for the future that I have to make huge amount of progress and to be a student with faith and a strong spirit of exploration.
My Thought on the International Communication Activity

Last Friday, 6 professors from the University of Tsukuba came to our school to give us a lecture. Luckily, I was selected to attend this activity. This activity was held successfully, and the professors really did a good job, even if some of them were not familiar with English. Their action showed us that Japanese people are friendly and they have good manners though the China-Japan relationship isn’t very good recently. In a word, I have learnt a lot in this activity, but there were also some problems. Not only students of our school but also students from Shanghai high school attended this activity. At first, I feel myself inferior to those students from Shanghai high school since most of them do better than us in test, and some of them even did research on their own. They can also give a speech and have a discussion with Japanese professors in English easily. In comparison, I was only able to understand a part of their speech, and hardly could I raise my courage to ask them any question. Not until the time for group discussion did I realized that we are actually the same capable as them after seeing one student of our school communicated with a Japanese professor in Japanese, and a student of Shanghai high school turned back to look at him with surprise on her face. Although our test results may be not as great as theirs, we shouldn’t regard ourselves as inferior to them. Everybody has his merits and faults. They are good at studying while they may not do as well as us in playing basketball. What’s more, we are the first session of senior high school students in our school, and it’s impossible to compare with them in history. However, our mission is to create the history, and we should have confidence in that we can finally catch up with them and even do better!
Environmental Awareness

Last Friday, the professors from Tsukuba University in Japan came to our school to give us some lectures.

After the academic report spoken by the students of Shanghai High School, the first professor started to give his lecture. Although Japanese English is difficult for me to understand, finally I caught his point by the PPT and the strange English which I must translated it into English, then Chinese! However, the professor’s speech gave me a new perspective to analyze our environment and told us how to solve the environmental problem by technology.

Tsukuba University is famous for its biology, so all the professors’ speech involved knowledge on biology. To some extent, modern environment problems need biology. For example, the last professor left me a deep impression. She is a Chinese who has got the doctor degree in Tsukuba University. Her speech was clear so that I could catch all the points and I was very interested in what she is researching. She wants to use microbe to degrade the waste material and purge the waste water produced by the city life. In my opinion, it’s a good and efficient way to deal with the rubbish. What’s more, microbe degradation can change the waste to energy, which seems a best result to solve the environmental problems. In addition, biologic degradation is cheaper than most methods.

At the discussion in the afternoon, I asked Professor Yang why she researches these things. She told us that she wanted her study to be available to human beings, especially her motherland, China. Every year, waste in China is much more than Japan. If you say China has more people than Japan, I will show you some data. Although our population is thirteen times more than Japan, our waste is 18-20 times more than Japan. So what’s the key factor? Our awareness of environment! Because of the low attention on the environment in China, we have no techniques to deal with the waste but bury it, which causes the soil pollution.

Through this lecture, I know how we can rescue the environment with our own power. However, what’s more important is our environmental awareness. As an old saying goes, ‘There is strength in numbers.’ If each of us can obey the litter classification, it will be more convenient for China to apply the theory to practice!
Last Friday I went to Shanghai High School East Branch to attend an exchange conference. Several professors from the University of Tsukuba went there and had a good time with us. On the conference, all the professors gave speeches about their own scientific fields, which gave us students a great deal of new knowledge about environment. Five students of Shanghai High School also gave speeches about their project, including me. I felt much honored to share my experiments and discoveries to the professors from the University of Tsukuba. And in return the professors gave me several useful suggestions that I would carry out in my further experiment (my experiment is half done).

What impressed me most was the group discussion activity. Each professor was paired with several students from both Shanghai High School and Shanghai High School East Branch to discuss about environmental issues. The professor in my group was very patient; he listened to our questions carefully and gave us accurate answers. When asked about the crumb structure shown in his speech, he took out a comic-drawn board and pointed it out to make us understand more clearly. We also discussed some serious environmental issues like soil erosion and deforestation. Though we came from different countries and we were at very different ages, there seemed no gap between the students and the professor. Everyone felt missed when the discussion had to be stopped.

The conference gave both us and professors from the University of Tsukuba chances to communicate with each other and learn from different cultures. I believe that everyone had a good time in the Shanghai High School East Branch. For me I had expanded my horizons about science. By all means it was a perfect event that I won’t forget in my whole life.

Shangfeng Jin
Shanghai High School
2014.10.27
Summary

On Oct 17th, we took part in the amazing lecture given by the professors from the University of Tsukuba. The lecture gave us a systemic and detailed introduction to environment issues which become more and more important today and pollution control. From the lecture we got to know about the University of Tsukuba and developed an interest in environment issues.

At the beginning of the whole activity, Prof. Yang gave us a short but graphic abstract of the world famous college. After two students offering their well-prepared presentation about a certain organism, then came Prof. Yamanaka who provided me with a summary of the existing water pollution. Among his speech, what impressed me most was the statement that ‘History will repeat itself’. As far as I’m concerned, China is facing severe problems about water as Japan and the U.S. once did. But as long as the process of environmental protection go on, it’s promising that the history will slow down its pace of repeating. Wandering around the campus in the break, gazing at the beauty of the nature, I tended to think to myself: what may happen if the pollution continues. By virtual of the knowledge leant at the activity, I found the nature at the edge of danger. Short after all professors finished addressing to us, we started a discussion with Prof. Yang. It’s great honor for me to participate in it.

As to my presentation, I don’t think it was very good because I was a little nervous and didn’t express my views very clearly. That’s what I think should be improved.

Shanghai High School
Gao ChiYuan
I’m so glad to attend this activity. I have attended the lecture presented by professors from Tsukuba last year at our school. And also I visited University of Tsukuba just several days ago. I’m happy to see the professors again here.

After some greetings, first, Prof. Yang gave us an introduction of University of Tsukuba. Then 5 of our students studying environment shared our studies.

I carried out my study with Qiu Yu. Our study is about the existence of Cryptosporidium oocysts in the effluent of waste water treatment plants. We first gave a brief introduction of Cryptosporidium and the reason we chose it to study. Then we showed how we did the experiment and the result. We appealed related departments to put the detection of Cryptosporidium into conventional detection carried out on water because the present pollution of Cryptosporidium oocyst is very serious. We see other students listening carefully, although maybe they couldn’t get all we said. The professors praised our study, which made us very happy. But we still have a lot more to do and to improve. The professors gave us some comments and advice such as to do the PCR more carefully and to take more photos and records of our experiment. These suggestions are so helpful. We are sure to take the advice when we continue the study.

The following presentations by my classmates were also successful and excellent. From these presentations you can see that our concern on environment issues includes many things, like water, air, printer, every small part in our life.

During the tea break, I talked with some of the professors. They are all kind and easy-going whether we had met before or not.

For some reason, I didn't attend the activities in the afternoon like lectures and discussions. It must be very interesting and meaningful.

Shanghai High School
Lu XinYu
The day is memorable, from every aspect. The lectures of the doctoral students were informative. We learnt the effects of soil properties on the RIP of 137Cs contaminated soils from Northern Japan from Li Min. We gained the knowledge of the characteristics of Ammonia-oxidizing Archaea in the Pacific Sector of the Arctic Ocean. Lead by her, we learnt about archaea, a kind of single-celled microorganism and a major part of Earth’s life and may play roles in both the carbon cycle and the nitrogen cycle. I was pretty interested in this kind of bacteria and was fascinated by the pictures shown at the end of the representation. I hoped that one day I could also get involved in studies like this.

The lectures offered by the professors were even more professional. I was especially absorbed in Prof. Tsutomu Yamanaka’s lecture, which was about the international cooperation. The idea that history repeats itself was a theory worth thinking about. The importance of international cooperation lies in this. Experience of developed countries can be helpful information for developing countries, not to repeat the same mistake.

What’s more, students from our school also did a good job. I have to admit that our research is innovative and promising. Lu Xinyu and Qiu Yu’s study focuses on the existence of Cryptosporidium oocyst in sewage effluents. But there was a problem that it seemed to me that I didn’t fully understand the method they used, which was PCR. Gao Chiyuan introduced the exposed quantity of black carbon while commuting. He did a quite good job and it seemed an interesting subject to me. Jin Shangfeng presented the prospect and application of vines in air pollution controlling but it seemed disappointing to me that he hadn’t carried out the experiments on pm2.5 detention.

In all, the whole day is fulfilling.

Shanghai High School
Zhou Jie
Here comes the report.

First, I’m honored to have a speech to the professors of Uni. Tsukuba, the teachers and students of both Shanghai High School and Shanghai High School East. Before the speech, my partner and I took a long time to prepare for it. We prepared the PPT and the text. How to say the terms in English is a difficult problem to us, so we read many theses to enlarge our vocabulary in something about Cryptosporidium. And it indeed did good for us to write and understand.

Secondly, I’m happy that two professors made comments on our research. One was about how to carry out our further study. We plan to trace the source of pollutants. We wonder whether the pollutants come from water cycle, which means they have polluted water the second even the third time, or they are new ones that come from animals. We will find out the result by detecting sewage that hasn’t been treated in the sewage plants using PCR technology DNA sequencing and genotyping. The other was about some suggestions about our experiments of PCR. The professor emphasized the importance of carefulness when we do the experiment for the samples are really easy to be polluted. I do learn a lot from both two professors’ words. I’m extending my sincere appreciation to all professors.

Thirdly, I feel extraordinarily sorry for not taking part in the communication in the afternoon. But I believe both professors and students of our school have had a good time. And I also hope that I will have a long and nice talk about the research with professors next time they come to our school.

That’s all of my report, thank you.
P.S. The meals were so delicious.

Shanghai High School
Qiu Yu