

## TYCA Vol.2 Midterm Report

No.	Name	Country	Project Title	Outline	Actions Taken	Future Tasks
1	Mir	Brunei				
2	Gaby	Brunei	12th BGIC 2016	I took part in my school (International school Brunei) 12th Borneo Global international conference that was discussing "achieving Universal primary education". It is known to be a student lead conference with the guidance of staffs & teachers. That being said, I was a part of the press/ media team in which I was delegated the responsibility of social media where I promote & share the BGIC experiences to the public. I was given the social media "twitter" allowing me to post photos, tweets & hashtags to make the BGIC 2016's goal more publicly known and to provoke their thoughts on the primary education.	The event was only a 4 day program and over those days I gained more knowledge on the primary education around the world & its significance role in improving the state of the world. I was able to meet 2 guest speakers that flew from America. The first was keynote speaker Cherner Bah-who started an organisation that fights for children's right in Sierra Leone and second was Jamira Burney from Philadelphia who works with amnesty international to prevent future misuse with gun violence and drugs. Both of them shared their thoughts on primary education through sharing their own personal encounters to give the peers a different perspectives on the issue of primary education as on the first day they both finished their speech on the note of "we, the younger Generation, are the leaders in building up the world, today, tomorrow and in the future that is to come." I was then placed in charge of posting tweets via the school's account in which I managed to get to others interested & showing the future generations of leaders.	Next step would be to continue promoting the aim of achieving universal primary education by assigning the older secondary students to take part helping out in tutoring of primary children to enhance their learning. I would discuss with the teachers who specialise in primary children education some key pointers on what children should learn & then discuss with a group of students different interactive ways we could help educate the children, making the learning process enjoyable & memorable. I was inspired by a game oh large scale bean bag tic-tac toe I played during a basketball camp I attended early this year. It was a good way to educate the children on fast thinking skills & taking actions. I could see it in the children's basketball performance as their placement during offensive & defensive plays were improves.
3	Gibran	Indonesia				
4	Hana	Indonesia				
5	Ri E	Malaysia				
6	Vanessa	Malaysia	Exploring peace and care through the society (E.P.C)	The project prioritize in creating awareness to the Youth of Malaysia, the struggles of certain people such as orphans, the disabled or those that need special attention. By this they are encouraged to participate in helping those in need through the means of peace and caring. The project as a whole, gives the participants a sense of empathy, responsibility, and a spirit to make a change in society.	Visited orphanage house Discussion with my friends for participate the Social Grant ,and also start to discussing about the camp. Have introduce E.P.C programs to my family members, classmates, students and friends	Make video about E.P.C programs, to let lots of people know it . Our goals is sending the real meaning of Peace and Care through society, so we decide to have a camp for the citizens that lives in my town. Will start to create advertising and poster for the camp. At last, to achieve goals we will make more events to visiting them,and let the people to feel more love from us, as well as the people who have participate will also learn on it .
7	Zemin	Singapore	Creation and Distribution of Miniature Vertical Farms	This project aims to design and set up an economical vertical farm that can be placed indoors and is affordable by all households. The proposed miniature vertical farm uses a metal rack with dimensions of 65cm by 26cm. The use of light emitting diodes with wavelength 420nm or 700nm maximises the rate of photosynthesis to increase crop yield. To make use of green energy, solar panels will be installed to provide energy for the light system. The water system accommodates the busy schedules of the working class by making use of water babies in combination with soil to minimise watering of vegetables. This miniature vertical farm encourages the cultivation of organic vegetables, thereby promoting healthy living. Taken together, this farm is able to provide a sustainable and inexpensive longterm solution for the lack of food.	Optimisation of Soil System I did some research and discovered that water babies are an odourless and clean soil substitute for indoor plants. Furthermore, they can store and hold water for up to 2 months without regular watering. I started wondering, "If I add water babies to soil, would that reduce the frequency of watering while at the same time encourage the growth of plants?" To determine the optimum soil system for plant growth, I tested five different soil systems, namely soil systems with a ratio of charcoal soil to water babies of 1:0, 0:1, 1:1, 2:1 and 1:2. The controls are soil systems of entirely soil and entirely water babies. I planted 10 green bean seeds in each setup, and the plants were left to grow for 14 days, without being watered after the first day. To assess the plant height, I measured the height of the germinated green bean plants in each setup using a ruler every two to three days for over a period of two weeks. The average height of the plants (Figure 1) was then determined. Therefore, I concluded that the soil system with ratio of soil to water babies of 2:1 is the most effective. 2. Construction of Miniature Vertical Farm Four wooden shelves are placed on top of each other, with a space of 30cm between them. Rectangular planter pots of length 40cm are placed on the first, second and third shelves. Five to fifteen small, rectangular 1 watt LED lights are secured at the top of each shelf and blue or red cellophane tape are placed 2 cm below the LED lights. The lights are powered by a solar panel system comprising of two solar panels, a battery, a charge controller and wires (Figure 2).	1. More soil systems will be experimented to find out if there is any better soil system than the current one, i.e. the soil system with ratio of soil to water babies of 2:1. 2. Conduct an experiment regarding the application of compost (in particular vermicompost) in the soil system. Therefore, I will need to buy earthworms. 3. A greater variety of crops will be grown in the soil system with ratio of soil to water babies of 2:1. I will borrow books from the library to find out if any special care or consideration is needed when growing other types of crops. 4. Source for the cheapest materials for miniature vertical farms. To do so, I will search online and also physically visit stores which sell the materials that I need.
8	Xiang	Singapore				
9	Pair	Thailand	Green's school	1.To fill the empty space in the school and make it benefits. 2.Planting perennial crops ,fruit and flowers can make the school livable and we can help our world by the Global warming issue. 3.Make all students achieve harmony of doing activity together and we can spend time with benefits. 4. Produce and sell our so we can get money then we can use this money to improve the school.	I'm waiting for the school to open next semester. I'm looking for how to start my project when school is open next semester then i will start , i will tell my school mate about my project that we will plant some trees some flowers some fruits in our school and let's them join the project.	when i have members in the project. we will plant the tree so my school will have the atmosphere more beautiful You can also earn extra money by selling the fruits of that tree. Then those funds to further develop our program to even better things up.
10	Tul	Thailand	"Reuse and improve, don't throw away your waste!"	This project is about sharing my experience to the student (7th grade English program, 「中学一年生」 *due to the grade differences, i think this is the same one) in my own school and also teach them about the way they can help their environment. The way is to reuse old books and improve it by using file holder and decorate it. Decorating is depend on each student. After the event we will have a competition. Who has the most beautiful will win the reward. The reward is seperated in to 2 categories, one is the cover of the book, one is the answer for the question "Why do we need to save the environment"	I have already created the event that I have mentioned above. Now i'm collecting and checking the work that the student have done. I will sent the picture with this file so it will be easier to explain.	In the future, i think i can created a bigger event. Because there are others school near my own one, but i think i need to talk to my teacher for some assistances.
11	Rei	Oki-Dozen	Trip to ASEAN countries	I thought the most important thing to understand different culture is seeing them directly when I was participating in TYCA. I am interested in ASEAN countries. So I decided to go there. The goal taht I set before go to ASEAN countries is understand different culture to talk with many local people. Also I wanted to try to acquire new knowlege through my trip.	I went to Thailand, Cambodia, Vietnam and stayed there for two weeks. The reasons why I decided to these three countries are good value for time and cost. Also I was really interested in Thailand through talking with my friend who is participated in TYCA at the time. I felt this time would be good oppotunity to encounter South East Asia culture directly. I learned two things through this trip. Japan has enormous infuence on South East Asia , and there are differences in features of environment, culture, and sights though the country by the other country. I thought Bankok is influenced by japanese culture the most. There are not only japanese restaurants but also japanese supermarkets, departmant stores, and stores of japanese animation character. these japanese enterprises are concentrate around Bankok. I heard that thai tourists visiting to Japan are increasing in recent years and I found these things are factors. Also Thai people are kind to japanese people because Japanese enterprises are contributing to Thailand in many ways over the years.What is more, it is also developing in Cambodia and Vietnam. Regardless of neighboring countries, the background of culture and history were different. While Buddhism is spread in Thailand, there are traditional buildings influenced by French culture in Vietnam.	I don` t know how foreign people are capture Japanese people in South East Asia. So I want to talk with them a lot. I have a oppotunity to vorunteer for foreign people such as poor children. Through do it, I want taik and understand different culture more.
12	Maki	Oki-Dozen	To tell about jobs for student	To make a poster and to tell about jobs for my school student. <The reason that change a theme> I decided to change the activity of the Post-assignment. Because I thought to tell jobs are more useful in the future than to help students understand the need for learning. And many students can't find their own goal or their dream in the future, so they can't motivate to learn. To make a poster and to tell about jobs for my school student.	I checked occupations.	I publish Part 1 in June and I will continues after produce the final report and continues publishing it.

13	Kotone	Oki-Dozen	Support education for developing countries in Asia	We will send picture books to children of poor country. I thought that I wanted to do the activity that solved a world problem as for as a high school student could act, with my project supporters. Then, we thought that somebody could solve a world problem by performing the education to children. If literacy rate rises, children can know many from books and newspapers. Then, "How does the literacy rate rise?" It is difficult to built a school and teach words for us. It is difficult that we found a school and teach children the reading and writing. But, we can help children learn words. We talked about a helpful thing of the learning of children. Then an opinion, "There is not an opportunity to read anything in their private life even if children learned the reading and writing." appeared among us. The children can't buy books, because they are poor. This problem can be settled if children have books to read. In addition, children can know the Japanese culture because we send Japanese books. We decided to send books to the elementary which the person found because there was the person who found the elementary school in Bangladesh. Because we send many books, we can help more children. Our goal is to make a library with their books in the school.	We collected old picture books from our house, library and kindergarten. And, we translated these books from Japanese into English. We cannot write Bengali. We looked for the person who can translate them into Bengali, and we requested that task of the person. We are going to send those books to Bangladesh in the middle of May.	After the translation work of the person whom we ask for a Bengali translation was finished, we send picture books to Bangladesh. This project intends to continue it from now on. And there are various problems with the world. There is little help that I of the high school student can do. I want to do whatever I can in order to help somebody.
14	Yukako	Keio	Transmitting Youthful Considerations Actively	We decided to share our experience of TYCA through three methods; creating an introductory video, a poster, and a post-report. Though we can explain and discuss on the events and activities of TYCA by simply "talking" about it, we believe that communication is not capable of transmitting the knowledge we gained in TYCA beyond our friends and families. Therefore, we agreed on looking back at TYCA with tools that will grasp the interests of especially broad-minded students from our Environmental Club in Keio SFC High School. First, an introductory video includes the overview of the involvement in the seven days of the program. It will give the students a general idea of how and why TYCA motivate and attract future leaders of ASEAN countries and Japan. Moreover, a poster and the post-report will intrigue potential participants for the next-up TYCA. Henceforth, we are putting effort on expressing our global mindedness of TYCA through thinking, watching, and listening.	1. Introductory video...Japan is on our way adding personal opinions of TYCA. Since we have just began a new school year, we have found it quite difficult to meet together and work it out on a computer. To create an intelligent, fascinating video, we may divide tasks so effective progress can be made. 2. Poster...We have planned out the images and words that will most definitely be inscribed into the students' minds. Comparable to the video, we are organizing to split jobs of drawing and writing. Hand-drawn poster is time-consuming, however, we are aspiring to put the poster up for the school festival in November as one of the promotions of the Environmental Club thus creativity is demanded. 3. Post-report...We are nearly finished. This post-report is quite straight-forward, since we added some new ideas and fixed grammatical errors on the sheets that we handed it to you on the after-meeting day.	1. Introductory video...After wrapping up the process of synthesizing the sounds and videos, we look forward to present it for the Environmental Club meeting before summer holidays. 2. Poster...We plan to post it for the Keio SFC Junior and Senior High School Festival in November 3. Post-report...We are handing them in the Environmental Club meeting while the members watch the video. 1. and 3. will be a step forward in transmitting youthful considerations we developed in TYCA. We wish for the Environmental Club members to contemplate positively and futuristically what "globalism" in our society is, and how TYCA will be able to offer an opportunity to experience it actively. Our poster will become advantageous in promoting the Environmental Club for in-coming students for Keio. It will also catch the attention of parents and guardians of the students vising the festival.
15	Haruka					
16	Ayano					
17	Kento	Waseda	Invitation to ASEAN countries at Gakuin	The aim of my project is to let Gakuin students gain the knowledge about ASEAN countries, and boost their interest. The action will be mainly carried out in my school, especially within range of SGH project (Super Global High school project). And I also have a plan for the library.  First plan: Research mainly about the religion of ASEAN and prepare for the presentation. The end of the project I would like to give a presentation as the part of SGH project.  Second plan: Consult a committee of the library and suggest them to buy some books about Southeast Asia. The final target is providing the section about these regions in the library.	First plan: In various range I've read some books about ASEAN by now. I'm particularly interested in Islam and Buddhism at those areas.  Second plan: I've already requested the committee to buy three books for the library (politics, economy, and Buddhism of Southeast Asia). Currently I am waiting for the approval about these book requests from the committee	First plan: Read more books and make a presentation. I couldn't have found detailed outlook of the presentation yet, but I'll be continue the preparation.  Second plan: Make another request and set ASEAN section in the library. I found that there are actually so many books written on Southeast Asia in my school, but most of those books are old and outdated. (Over 20 years ago!) I'll keep on working to add relatively new books to the library in my school.