

High School cooperation with University

**Report of Cooperation  
Between the University of Tsukuba  
and  
Tsuchiura First High School  
on Overseas Fieldwork in 2019**



**Tsuchiura First High School**



## Malaysia and Singapore course

### Malaysia









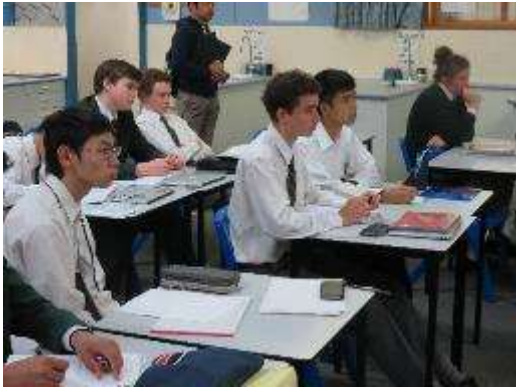
## Singapore



## Australia course















# Index

Frontispiece · · · · · 3 ~9

Table of Contents · · · · · 10

Preface · · · · · 11~12

## Schedule

Group to Malaysia and Singapore · · · · · 13

Group to Australia · · · · · 14

## Impressions of students and teachers for each course

Group to Malaysia and Singapore · · · · · 15~23

Group to Australia · · · · · 24~39



## **Thank you, the University of Tsukuba!**

Principal of Tsuchiura First Senior High School  
UEKI Kunio

Our school was designated as one of the Super Global High Schools by the Ministry of Education, Culture, Sports, Science and Technology in 2014 and was engaged in the program until 2018. The research and development theme of our school was “Cultivation of ‘Glocal’ human resources with a focus on developing new bioresource businesses.” Our goal was to train our students to be global leaders so that they can work out global business issues by deepening their knowledge and developing their awareness.

In the course of the five-year program, our school concluded a collaboration agreement with the University of Tsukuba in 2016, which was a huge turning point for our program. Our students have enjoyed the benefits of collaborate projects such as lectures on global issues given by the teaching staff of the University or booth workshops held with foreign exchange students of Tsukuba. These projects gave our students an opportunity to appreciate the significance of our program once again. As one of the main pillars in our program, we sent our students to Malaysia, Australia, and the West Coast (the US). Our students conducted fieldwork there, whose long-term goal was starting a business overseas. For this objective our students were allowed to participate in research activities at local universities there thanks to the University of Tsukuba.

At Malaysia-Japan International Institute of Technology (MJIT), the University of Tasmania, and The University of California, Irvine (UCI), through the good offices of The University of Tsukuba, our students conducted a survey by questionnaire on their research topic, guided by the teaching staff who had connection with the University of Tsukuba, or gave a presentation on their research to the local high school students. Those experiences surely broadened their horizons and gave direction to their lives.

Based on numerous magnificent results achieved through the 5-year research activities, our school is aiming for developing global business leaders of tomorrow. For this to happen, we would like to develop an education program of our own for our students to acquire and develop such abilities and skills as a problem-solving ability, leadership skills, communication skills, deep knowledge, and interest in social issues. We thank the University of Tsukuba, and at the same time, we would like to ask further support and cooperation from the University.

## 筑波大学との連携を生かして

茨城県立土浦第一高等学校長 植木 邦夫

本校は2014年に文科省からスーパーグローバルハイスクール（SGH）に指定され、2018年までの5年間、「生物資源を活かすビジネスを起業する課題研究で育むグローバル人財」をテーマに研究活動を行ってまいりました。この研究を通して、生徒たちには、将来、国際的なビジネスにおいて直面する数々の課題に精力的に取り組めるよう、しっかりとした教養を身につけ、課題解決の意識を高めてほしいと願いました。

この5年間の研究期間において、本校は2016年に筑波大学と連携協定を結ばせていただきましたが、まさにこの連携協定が本校のSGH研究を大きく飛躍させる契機となりました。筑波大学の先生方による地球規模の課題についてのご講義に加えて、留学生とのブース・ワークショップなど、生徒たちに大変貴重な時間を与えていただいただけではなく、連携によって多様な情報交換が得られ生徒にとっては本研究の重要性について改めて認識する絶好の機会となりました。また、本研究実施に当たっての主要な柱の一つとして、本校ではマレーシア、オーストラリア、アメリカ合衆国西海岸に生徒を派遣して、現地でのフィールドワークを行いました。このフィールドワークは将来的に海外での起業を視野に入れたものですが、筑波大学のご支援をいただき現地の大学において生徒たちは調査研究に励むことができました。

マレーシア日本国際工科院（MJIIT）、タスマニア大学、カリフォルニア大学アーバイン校（UCI）での調査研究では、筑波大学に関連の深い先生方のご指導の下、課題研究テーマに関するアンケート調査や現地高校生などを対象としたプレゼンテーションを行いました。これらの活動は、本研究に携わった生徒たちの国際的な視野を広げ、今後の目標の設定に大いに役立ったと確信しております。

5年間のSGH研究活動で得た数々の成果を踏まえ、今後、本校においては、国際的に活躍できるビジネス・リーダーの育成をこれまで以上に推進していく所存です。この目標に向かって、本校では、生徒の問題解決能力、リーダーシップ、コミュニケーション能力の向上を図り、社会課題に対する関心と深い教養を身に付けるための教育プログラムの策定を検討しているところです。

連携協定に基づきこれまで貴学からいただきましたご配慮に深謝いたしますとともに、今後なお一層のご支援ご協力を賜りますようお願いいたします。



Program schedules : Malaysia and Singapore course

Date 9 days from August 13 to 21

Member : 7students(4 boys and 3 girls),2 teachers

| Dya | Date          | Place                          | Notes  |
|-----|---------------|--------------------------------|--|
| 1   | 8/13<br>(Tue) | Tokyo (Narita)<br>Kuala Lumpur | Meeting at Narita Airport<br>Dinner at the restaurant and check in hotel<br>< Stay at The Regency Scholar's Inn >  |
| 2   | 8/14<br>(Wed) | Kuala Lumpur                   | AM: Workshop at University Technology Malaysia (UTM)<br>PM: Fieldwork at Kuala Lumpur city<br>< Stay at The Regency Scholar's Inn >                      |
| 3   | 8/15<br>(Thu) | Kuala Lumpur                   | AM: Fieldwork at Kuala Lumpur city<br>PM: Presentation at UTM, Mosque tour, farewell party<br>< Stay at The Regency Scholar's Inn >                      |
| 4   | 8/16<br>(Fri) | Johor Bahru                    | AM: Moving to Johor Bahru<br>PM: Meeting host family at pulai village<br>< Stay with host family's house >   |
| 5   | 8/17<br>(Sat) | Johor Bahru                    | Home stay<br>< Stay with host family's house >   |
| 6   | 8/18<br>(Sun) | Singapore                      | AM: Moving to Singapore<br>PM: Marina barrage, Chinatown, Gardens by the bay<br>< Stay at Hotel Grand Pacific >  |
| 7   | 8/19<br>(Mon) | Singapore                      | AM: Mitsubishi Heavy Industries Asia Pacific<br>PM: Linga Franca, Indiantown, Qlarke Quay, River cruise at Marina bay<br>< Stay at Hotel Grand Pacific > |
| 8   | 8/20<br>(Tue) | Singapore                      | Tanglin Secondary School, National Museum ,<br>Moving to airport<br>< Stay in the airplane >   |
| 9   | 8/21<br>(Wed) | Tokyo (Haneda)                 | Arriving Haneda Airport  |

Program schedule : Australia course

Date 8 days from August 13 to 20

Member : 13students(2 boys and 11 girls),2 teachers

|   |                     |   |   |                           |  |
|---|---------------------|---|---|---------------------------|--|
| 1 | 8/13<br>(Tuesday)   | Tokyo(Haneda)   | departure22:00  | QF26                      | By air to Sydney   |
| 2 | 8/14<br>(Wednesday) | Sydney<br><br>Brisbane<br><br>Lismore   | arrival 8:30<br>departure11:00<br>arrival12:30<br>arrival17:30  | QF520<br>Dedicated car    | Immigration<br>Transit<br>Lunch (fast food restaurant on the way)<br>Company visit<br>Meet host family   |
| 3 | 8/15<br>(Thursday)  | Shouthern Cross University<br><br>St Johns College,Woodlawn High School<br><br>Shouthern Cross University | arrival 9:00<br><br>departure10:30<br>arrival11:10 12:50<br>departure13:40<br>arrival14:00 14:10<br><br>16:00 | Rented bus                | Professor Peter`s Lecture<br><br>Attend lesson at P3&4(4Class)<br>Chemistry,Legal Studies,Visual Art, Society and Culture<br>Take lunch with local high school students<br>Return to university and give a presentation 1<br>pick up students by Host Family |
| 4 | 8/16<br>(Friday)    | Shouthern Cross University<br><br>to city street survey<br><br>Shouthern Cross University                 | arrival 9:00<br>10:30<br><br>12:00<br><br>16:00   | On foot<br>(40 minutes)   | Presentation by Japanese University Students<br>Campus tour, laboratory tour<br><br>City street survey<br><br>Return to university and meet host family  |
| 5 | 8/17<br>(Saturday)  | Lismore   | All day   |                           | Spend a day with my host family<br>Be sure to investigate each research theme<br>Also prepare for presentation   |
| 6 | 8/18<br>(Sunday)    | Lismore   | All day   |                           | Spend a day with my host family<br>Preliminary research days<br>Presentation preparation   |
| 7 | 8/19<br>(Monday)    | Shouthern Cross University<br><br>Brisbane  | arrival 9:00<br>depature11:30<br>arrival16:00   | Dedicated car             | Presentation 2 (Results of Research)<br>Leave university after the end and go to Brisbane<br>Lunch (fast food restaurant on the way)<br>Check in to hotel  |
| 8 | 8/20<br>(Tuesday)   | Hotel<br>Brisbane International Airport<br><br>Tokyo(Narita)  | depature6:30<br>arrival 7:00<br>depature9:35<br><br>arrival17:55  | Dedicated car<br><br>QF61 | Breakfast is at the airport<br>Departure country<br><br>Entry, dissolution after customs clearance   |



Impressions of students and teachers for each course

Malaysia and Singapore course

## Malaysia&Singapore

Luna Inoue

I learned many various things in Malaysia and Singapore. I have many things that I want to tell. I have small vocabulary to tell all of my mind.

First, I went to Malaysia. The second day in Malaysia, I visited UTM.

At first, I was very nervous.. She tried to understand what I said. So I could enjoy talking with her. I discussed juku and my theme with my partner. I could interview for a lot of people thank to my partner's friendship.

Next day, I have a presentation. I was very nervous.. I tried to see the audiences' eyes and talk with a smile. I found good points of my research and assignments.

The fourth day, I met my host family. My homestay was very interesting. At first, I experienced culture shock. It was very hard to adapt to the differences with Japanese culture. But I thought learning other country's culture was very enjoyable! My host family told easy Malay and some local games. My host family was so kind to me. I was happy to celebrate my host family's birthday together.

The last day, we went to high school in Singapore.

I made new friends. The meeting made me so happy. I experienced a lot of meetings. All of them is my important treasure!!

I was afraid of making mistakes and nervous. I did not like to move by myself very much.

I wanted to change my character. My goal was to move positive by myself. I thought I approached my goal a few. But I felt my English skill was still not good enough. So I need more experience. I want to increase my vocabulary.

I had a very good time!!



## What on impressive journey in Malaysia and Singapore!

Raio Aoki

In Kuala Lumpur, I stayed UTM and I could learn important things which I can't learn in Japan. One of them is the result of my research. I interviewed people in the University and I could get precious results because my research theme is about Japanese local sightseeing and some of the students had visited Japan. Then I made a presentation and share many opinions with students. It was really meaningful time and I also enjoyed casual conversations with students. Lastly, I had little information about Malaysia before visiting there so I thought whole Malaysia was developing, but I realized the big cities in Malaysia isn't such a developing after visiting there.

In Johore, I stayed Malaysian local home and I could feel the gap between cities and country sides in Malaysia.

In Singapore, I met some businesspeople and learn important things when we work or study abroad. For example, I hadn't thought MHI was like global company, but it was wrong. Thus I realized some companies which don't seem to be global are perhaps really global. Also, I visited Singaporean high school and I found the students are not so different from Japanese students but I also realized they are not such shy Japanese people. Now, I am very glad to have been able to participate this program. If only I could visit there again...



## Impressions

Ayane Matsuda

By going to Malaysia and Singapore this time, I was able to experience many things that I could never do in Japan.

In Malaysia, we did fieldwork one-on-one with university students. At first, I couldn't understand English well, so I had a hard time. I also didn't understand English at homestay, so I learned Malay and used gestures. There were so many things I could do because I couldn't speak English.

In Singapore, I was deeply impressed by my deep thoughts about the company. It was a very good opportunity because I hadn't thought much about it before. In addition, I was troubled because I didn't understand the language well during my high school visit, but I learned how to communicate at that time and how to get along well even if I don't understand the language. This experience is precious and there are many things that I could not experience in Japan, so I would like to make use of these things in my future life.





## Impressions in this inquiry activity

Taiyo izumi

At the beginning , I learned a lot of unknown things and had a valuable experience from this study . So I will mention below.

First, through the two countries ,Malaysia and Singapore, my research theme which is about the ocean garbage problems advanced dramatically .Above all, I think the efforts of Singapore about the environment are very advanced in the world and had me give some inspirations.And in Malaysia I saw the foreigner's view of this problems and Japan's activities .

Second, I was surprised about the UTM students' and Secondary schools students'eagerness or motivation. In UTM, the each students have their own goals and learns necessary things for them or not. I supposed that this is the difference between Japanese student and foreign student and of course I should follow this style also in school. And I was impressed at the valuable time with the OB or OG of Tsuchiura first high school .At that time , I was worried about my course in the future. But by hearing the superiors' back ground and going to UTM , I became to want to go to foreign university and work in abroad. That is because I met a new values in this program. If I have not joined this, I might stay in my poor way of thinking.

At last, although I want to tell more various things , I will mention the most important thing. It is that I have been able to see Japan from the world. Until then, I thought Japan is the much better than other countries and I am going to live in Japan all the time. Of course most other students who did not join this program think so too. But I realized Japan is not the best country and Japan is facing a crisis. Especially in economic, I felt Japan may come to end because of the outflow of Japanese companies to Asia, and this may make the much differences between Japan and Asian countries. So, we have responsibility to make Japan something better and I also want to lead my country as one person.

Finally, I am grateful for a lot of peoples' help in this inquiry activity. From now on, I will do my best to make my research great one and try to tell valuable experience to other people.



## What I Learned from the Field Work in Malaysia and Singapore

Watanabe Haruki

In the middle of August, I took part in the field work study trip in Malaysia and Singapore. Through this experience, I learned so many things and in this report I am going to write about three valuable lessons which I think are very important.

The first one is importance of communication. In Universiti Teknologi Malaysia Kuala Lumpur (UTM KL), I talked with many people in English. Sometimes I felt difficulty in talking with them, but I think I did my best. After this, I came to think that it is not so important to speak perfect English but trying to express my own opinions and feelings is more essential. For example, I interviewed a counsellor in UTM, a psychiatrist in Kuala Lumpur and at a secondary school in Singapore. All of them were very kind and they listened to me patiently, so I could ask them about what I wanted to know. I have gained a boost of confidence in speaking English.

I learned the importance of communication at a homestay in Pulau, Johor too. I enjoyed playing with children and my host family, even though they mostly did not speak English, I learned the importance of non-verbal communication. It was a great experience.

The second one is uniqueness of my own and foreign daily lives. In this program, I experienced many things for the first time in my life such as visiting a mosque and also eating food with my hand. If I had not taken part in this program, I could not have done such things. I had thought that my daily life in Japan is common and natural, but it was not at all. And now I think every lifestyle in the world are unique in some ways and very interesting.

Third, I learned the importance of thinking about my own future. Through talking with many people who work in Singapore, I was impressed that all of them set a very high goal and tried hard to achieve these goals in their own personal way. Now I have not decided what to study in the university and what job to get in the future exactly, but I want to keep thinking what I should do and what I want to do in the future.

I learned not only about my research theme: school counseling, but also many important things in life. I want to thank all of the people who I met in this program and who supported me.

