

PROJECTS FOR HAPPINESS 2019

Application Form (Proposal)

BSc Chemistry

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1. Basic information about project proposal:

- I. Name of Project: **LAB VACATION**
- II. Project implementation date: 5 – 7 November
- III. Location of project held: Department of Chemistry, University of Malaya

2. Project Area (can tick more than one) :

- | | | | |
|-------------------------------------|-----------------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | Helping Underprivileged community | <input type="checkbox"/> | Animal Protection |
| <input type="checkbox"/> | Arts & Culture | <input type="checkbox"/> | Environmental Protection |
| <input checked="" type="checkbox"/> | Education | <input type="checkbox"/> | Racial Harmony |

3. OVERVIEW OF ISSUE / BACKGROUND

It is known that nowadays the number of students who are interested in science stream is decreasing. Most of the students assumed that science is very difficult apart from the employment opportunity which is limited compared to non-sciences background graduates.

This occurs due to lack of exposure of how beneficial and interesting science subjects could be. A real-life exposure of what sciences are need to be exposed to the community, Thus this gives us the idea to initiate this project which is to encourage PT3 students to consider science subjects when they are in form 4. So, therefore, we focus and target the after PT3 students for our project.

This project will be held for three (3) days (5th – 7th November 2019) at the Department of Chemistry, University of Malaya with volunteering a group of lecturers from the department.

We are targeting 60 post-PT3 students from Klang Valley schools. 20 students will be visiting each day and they will be divided into four groups (5 students per group) where they will have the opportunity to visit physical, inorganic, organic and polymer lab in a rotation basis. Therefore, they will have broad experience in real-research exposure.

4. PROJECT OBJECTIVES (VISION & MISSION)

1. To support and enhance the number of science stream students at secondary school level
2. To embark the interest of students in sciences related subjects
3. To demonstrate how important and beneficial science can be in daily life as well as the future

5. ACTIVITIES AND TASKS (PROJECT DETAILS)

1) 20 students will be coming to the Department of Chemistry each day and they will be divided into 3 different groups.

2) They will have the opportunity to visit physical, inorganic and organic research lab in rotation basis where they will hand-on experiments.

3) Schedule is as follows. All three days will be using the same schedule with different participants.

8:30-9:00	9:00- 11:00	11:00- 1:00	1:00-2:00	2:00-4:00
Registration	Physical (Group 1)	Physical (Group 2)	Lunch Break	Physical (Group 3)
	Organic (Group 2)	Organic (Group 3)		Organic (Group 1)
	Inorganic (Group 3)	Inorganic (Group 1)		Inorganic (Group 2)

4) Feedback form will be distributed to all participants for improvement purposes.

6. SUSTAINABILITY

We hope to make this project as an annual program so that we can help the Nation to produce more science stream students.

7. KEY PARTNERS: (OPTIONAL)

Lecturers from Department of Chemistry, University of Malaya

8. PROJECTS BENEFICIARIES (People who benefit from your project)

1) Nation: By having this project, **the number of science stream students will increase.**

2) Participants: They will be exposed to university and research environment so that they will be motivated and get inspired.

3) Project volunteers: Increasing volunteers' soft skills by interacting with people at various levels and project planning skills

9. EXPECTED PROJECT RESULTS & OUTCOMES

- Increase students' interest in taking science courses.
- Intellectual input for students participating while waiting for their examination result.
- Building social networking for every participant of this program.

10. PROJECT TIMELINE (ON-SITE TENTATIVE SCHEDULE)

Day 1

8.00 Arrival / Registration

8.30 Opening ceremony:

Welcome speech by the Head of Department of Chemistry

Welcome speech by the Representative of the Project

Ice breaking session

9.00 Activities (Research Lab Visit)

4:00 End of activities

Day 2 and Day 3 will implement the same schedule.

11. BUDGET

Project Expenses		
Items	Budget (unit x unit price)	Remark
Chemicals and Supplies	RM6100	Chemicals
Foods	RM900 (RM15 x 3 days x 20 pax (participants))	Lunch and 2 tea breaks
Miscellaneous	RM1000	Goody bag for all participants
Total (A)	RM8000	

***Student expenses shall not exceed 30% of total expenses**

Student Expenses		
Items	Budget (unit x unit price)	Remark
Transportation	RM500	10 volunteers
Marketing and Event Support	RM1000	Banner, Bunting, Posters
Foods	RM450 (RM15 x 3 days x 10 pax (volunteers))	Lunch and 2 tea breaks
Total (B)	RM1950	
Total (A) + (B)	RM9950	

13th June 2019

To whom it may concern
Khind Starfish Foundation

Dear Sir,

SUPPORT LETTER FOR LAB VACATION PROGRAM AT THE DEPARTMENT OF CHEMISTRY, UNIVERSITY OF MALAYA.

The above matter is referred.

The Community Outreach Team from the Department of Chemistry, Faculty of Science, University of Malaya consist of lecturers and support staffs are aware that a team of our undergraduate students are applying a grant for the project mentioned above from Khind Starfish Foundation.

Therefore, we will accommodate only in terms of venue and manpower but other than that is subjected to the results of the grant application.

We look forward to assist further on the Lab Vacation program. We believe that their effort is will make a big impact to the university, society, and ultimately, to the nation.

For your kind consideration, we thank you.

Yours sincerely,



Assoc Prof. Dr. Siti nadiyah Abdul Halim
Community Outreach Team Leader
Department of Chemistry
University of Malaya