



Youth STEM Cup 2025 Participant  
Infopack

# 1. Introduction to Youth STEM Cup

## 1.1. Introduction

In view of the fourth Industrial Revolution, it is of utmost importance to develop the passion of the younger generations especially in the exploration of STEM-related fields. This is also reflected in the Malaysian education policy. Hence, as a group of students enthusiastic about empowering the younger generation, we created a platform for them to develop critical thinking skills and explore out-of-syllabus STEM topics: the Youth STEM Cup (YSC).

The first and second YSC, YSC 2023 and YSC 2024, received participation from schools all over Malaysia, with over 1000 participants competing to claim scientific glory. In YSC 2025, we are looking forward to improving on YSC 2024 by taking note of participant feedback and issues faced by organisers during the event. By doing so, we hope to make participating in the YSC a more fun and interesting experience to students all over Malaysia.

## 1.2. Missions

- Promote interests in competitive STEM subjects, especially Olympiad competitions in Malaysia.
- Equip participants with higher order thinking skills as well as preparatory knowledge for international science Olympiad selection tests.
- Provide students with a platform to learn more about olympiads no matter their background.

## 2. Competition Details

### 2.1. Key Details

- 2.1.1. **Date:** 19 Apr 2025 (Prelim). 21 Jun 2025 (Final)
- 2.1.2. **Time:** 10:00am - 11:02am (Prelim), 8:00am - 6:00pm (Final)
- 2.1.3. **Venue:** Google Forms (Prelim), Heriot-Watt University (Final)
- 2.1.4. **Categories:** Junior (13-17 y/o), Senior (18-20 y/o)
- 2.1.5. Participants can participate **individually** or in **groups of 4**.
- 2.1.6. Depth of topics covered will be **between SPM , pre-university exams and national ISO selection tests for *Junior category* and pre-university exams and national ISO selection tests for *Senior category*.**

List of subjects tested:

- Mathematics
- Physics
- Chemistry
- Biology
- Planetary Science
- Social Science

### 2.1.7. Format

#### A. Preliminary round

- Duration: 60 minutes
- 36 MCQ
- Subjects tested: Mathematics, Physics, Chemistry, Biology, Planetary Science, and Social Science

#### B. Final round

- Duration: 120 minutes
- Combination of MCQ and Structure Questions
- Subjects tested: Mathematics, Physics, Chemistry, Biology, Planetary Science, and Social Science

2.1.8. YSC is entirely **free of charge**.

2.1.9. Participants of YSC are eligible for PAJSK points.

## 2.2. Event Timeline

Date	Event
18 Apr 2025	End of registration period
19 Apr 2025	Preliminary Round
21 Jun 2025	Final Round (HWUM)

## 2.3. Event Schedule

### 2.3.1. Preliminary Round

Activity	Time	Description
Commencement of preliminary round	10:00am - 11:00am	Google form link and password to pdf file sent to Whatsapp group
Submission	11:00am - 11:02am	Extra 2 minutes given to fill in details and submission time

### 2.3.2. Final Round (Tentative)

Activity		Time
	Registration	8:00 am - 9:00 am
Science Exhibition Opens	Opening ceremony + YSC briefing	9:00 am - 9:30 am
University students visit exhibition booths	Youth STEM Cup	9:30 am - 11:30 am
Finalists can start visiting exhibition booths	Lunch (Optional Campus Tour/Festival Tour)	11:30 am - 1:00 pm
	Alumni Forum	1:00 pm - 2:00 pm
	Science Exhibition	2:00 pm - 4:00 pm
	Professional Forum	4:00 pm - 5:00 pm
Closing + Award Ceremony		5:00 pm - 6:00 pm

## 2.4. Awards

- Senior Category:
  - 1st Place: RM400
  - 2nd Place: RM350
  - 3rd Place: RM300
- Junior Category
  - 1st Place: RM400
  - 2nd Place: RM350
  - 3rd Place: RM300

### 3. Terms and Conditions

1. Teams are only allowed to participate in one category and participate in the quiz only once.
2. If a team consists of students from both categories, it is automatically considered as Senior level. They select their category depending on their status when they are registering. Eg, if student A is taking SPM when student A is registering, then he is automatically in the junior category.
3. A student can only participate in a team.
4. Should you be found breaching any of the competition rules, the organiser reserve the right to disqualify any participant with no prior notice
5. The organiser reserves the right to amend any competition details which is deemed suitable without any prior notice.
6. The YSC committee accepts no responsibility for any damage, losses, liabilities suffered by the participants as a result of participation in the competition.
7. We only collect the information that you directly provide in the Google Form when registering.
8. The email address that you provide in Google Form will only be accessible to the Youth STEM Cup organising committee and co-organiser Heriot-Watt University.
9. Your name, country, school, graduation year, and working language might appear on the list of registered participants or may be published with the contest's results. Apart from that, we do not disclose information about you to third parties, nor do we use it for any purposes other than organizing the contest for which you register.
10. Transportation and meal costs of final round participants will not be subsidised by the Youth STEM Cup committee.