



Information Pack

EARTH

EXPLORER COMPETITION



COMPETITION DAY

2ND NOVEMBER 2025

 MALAYSIAN EARTH SCIENCE OLYMPIAD

 [HTTPS://MYESO.COM.MY](https://myeso.com.my)



Introduction

The Earth Explorer Competition is an annual online, national-level school competition that introduces general knowledge about the study of Earth and neighboring planets in space.

Primary and secondary school students from all over Malaysia are invited to participate. The aim of this competition is to instill interest in Earth Science and provide exposure to students in this field.



Objectives

- To unlock and nurture the potential of young minds in the field of Earth Science
- To expose students on the field of Earth Science
- To provide students with the opportunity to apply their inquiry-based earth science, honed through extracurricular activities, in real-world scenarios
- To equip students with Higher-Order Thinking Skills (HOTS), preparing them to tackle future challenges in the ever-evolving global Earth Science landscape
- To promote the practical application of Earth Science skills in various human endeavors

Who Should Participate?

Primary Students

- **Public School**
Standard 4 up to Standard 6
- **International School**
Year 4 up to Year 6

Secondary Students

- **Public School**
Form 1 up to Form 5 and Pre-University
- **International School**
Year 7 up to Year 12 and Pre-University

Benefits for Students

- **1. Malaysian Earth Science Olympiad (MyESO)**
 - The top 10% from the secondary category (13 – 18 years old) based on current year of International Earth Science Olympiad (IESO)
 - Paper-based exam
- **2. National Selection Camp**
 - The top 15 to 20 students from MyESO
 - Online selection camp
 - Final test
- **3. National Training Camp**
 - The best 4 students from selection camp
 - Physical training camp
- **4. International Earth Science Olympiad (IESO)**
 - The best 4 students will participate in the IESO

Competition Format



Method
Online



Answering Time
1 hour and
15 minutes



Necessity
PC/Laptop,
stable internet
connection &
scientific calculator



Questions
30 objective
questions

Language

- English
- Bahasa Malaysia



Syllabus

Primary

• Earth
• Ocean

• Soil
• Climate

• Water bodies
• Preservation & conservation

• Waste
materials

Secondary

• Geology
• Introduction to Geology
• Formation of the Earth
• Minerals: Basic Unit of Rocks
• The Rock Cycle

• Meteorology
• Introduction to Meteorology
• Temperature and
Heat transfer
• Clouds and Precipitation

• Geophysics
• Structure of the Earth
• Earthquake
• Seismic waves

• Astronomy
• Solar system
• Gravity

• Oceanography
• Chemical
Oceanography
• Physical
Oceanography
• Biological
Oceanography

Competition Procedure

- Registration should be done by the person-in-charge at <https://contesthub.my/register>
- Fill in the required information and provide each student's unique email address
- Complete the payment
- The competition manual, username, and password for participants will be provided in Contesthub a few days before the competition day
- During the competition, the person-in-charge must conduct it in a suitable place, and it must be invigilated by the person-in-charge
- The person-in-charge is responsible for enforcing the standard regulations of the competition
- The results will be announced in November 2025
- The e-certificate will be provided in the Contesthub

Awards & Certificate

Each participant will receive a certificate of participation. Awards will be given to the top scorers, according to the percentages as shown below. The awards are symbolic, not an actual medal.

**TOP
10%**

Will receive a Gold, Silver or Bronze Award Certificate

Subsequent
40%

will receive an Honorable Mention Certificate

Remaining
50%

will receive a Certificate of Participation

Important Dates

Registration
Open

**4th
Aug
2025**

Registration
Close

**15th
Oct
2025**

Competition
Day

**2nd
Nov
2025**

Result
Announcement

**10th
Nov
2025**

Registration Fee

JOIN UNDER A SCHOOL

RM 40
per student



JOIN AS AN INDIVIDUAL

RM 60
per student

How to Register?

Registration can be made at

<https://contesthub.my/register>

Contact Us

MALAYSIAN EARTH SCIENCE OLYMPIAD (MyESO)

c/o ARDENT EDUCATIONAL CONSULTANTS SDN BHD

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