



Information Pack

EARTH EXPLORER COMPETITION



COMPETITION DAY

21ST DECEMBER 2024

 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 (offline)
- 2. National Selection Camp**
 - The top 15 to 20 students from MyESO
 - Online camp
 - Final test
- 3. National Training Camp**
 - The best 4 students from selection camp
 - Physical 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
Stable internet connection & scientific calculator



Questions
30 objective questions

Language

- English
- Bahasa Melayu





Achievement of the Malaysian Team in the International Earth Science Olympiad (IESO) 2024

Among 128 students from 32 countries participating in the International Earth Science Olympiad (IESO) 2024 in Beijing, China, from 8 to 16 August 2024, Malaysian students showcased outstanding performance, bringing home an impressive collection of medals. Muhammad Syarif bin Mohd Shariful Azwan from ASASIpintar, UKM, earned a bronze in the individual category. In the Earth Science Project (ESP) group category, Nur Adryana Aisya Binti Abdul Shukor from Kolej PERMATA Insan, USIM, secured a gold, while Lee Kai Zhe from SMK Taman Pelangi Indah won silver, and Muhammad Syarif added another bronze. Additionally, in the International Team Field Investigation (ITFI) category, Cheong Kar Hin from SMK Sultan Ismail, Lee Kai Zhe, and Muhammad Syarif each contributed to winning three bronze medals.

This success is a testament to the hard work, dedication, and expertise of the students and their trainers. Congratulations to all members of the Malaysian team for making their mark in the IESO 2024!

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 for the competition is done by person-in-charge at <https://contesthub.my/register>
- 🐾 Fill in the the required informations, provide each student's unique email and make payment
- 🐾 Contest slip for participants will be provided in the Contesthub few days before the competition day
- 🐾 During the competition period, person-in-charge must conduct the competition at their own venues, invigilated by the person-in-charge
- 🐾 Person-in-charge are responsible to enforce the standard competition regulations
- 🐾 The results will be announced in January 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 percentiles as shown below. The awards are symbolic, not an actual medal.

**TOP
10%**

will receive Gold, Silver or Bronze award certificate

**Next
40%**

will receive an Honorable Mention certificate

**Remaining
50%**

will receive a participation certificate

Important Dates

Registration
Open

14th
Oct
2024

Registration
Close

12th
Dec
2024

Competition
Day

21st
Dec
2024

Result
Announcement

Jan
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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