



INFORMATION PACK

BIOLOGY

EXPLORER COMPETITION



COMPETITION DAY

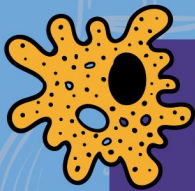
22nd DECEMBER 2024



MALAYSIAN BIOLOGY OLYMPIAD

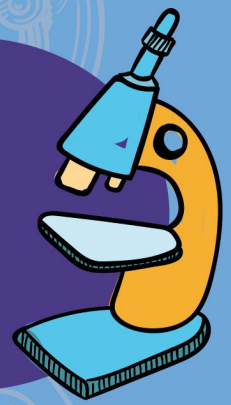


<https://mybo-olympiad.my>



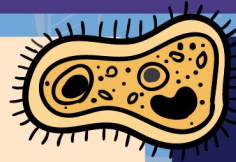
Introduction

The Biology Explorer Competition is an annual online, national-level school competition that introduces general knowledge about the study of Biology and life science. Primary and secondary school students from all over Malaysia are invited to participate. The aim of this competition is to instill interest in Biology and provide exposure to students in this field.



Objectives

- To identify, inspire, empower, and support the next generation of leaders in life science fields.
- To provide students with the opportunity to apply their inquiry-based life sciences, 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 life sciences landscape.



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 Biology Olympiad (MyBO)

- The top 10% from the secondary category (13 - 18 years old) based on current year of International Biology Olympiad (IBO)
- Paper-based exam (offline)

2. National Selection Camp

- The top 15 to 20 students from MyBO
- Online
- Final selection test

3. National Training Camp

- The best 4 students from selection camp
- Physical camp

4. International Biology Olympiad (IBO)

- The best 4 students will participate in the IBO

Competition Format



Method
Online



Answering Time
1 hour and 15 minutes



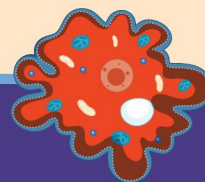
Necessity
Stable internet connection & scientific calculator

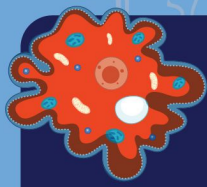


Questions
30 objective questions



Language
English & Bahasa Melayu





THE INTERNATIONAL BIOLOGY OLYMPIAD (IBO) 2025

In 2024, the inaugural Biology Explorer Competition (BEC) was held on 27 April, participated by 564 students from across Malaysia. The winners of this competition will be invited to the Malaysian Biology Olympiad (MyBO) 2025, along with the winners of BEC 2025. Students participating in MyBO will compete for a spot in the MyBO selection camp, scheduled to take place between March and May 2025. The top performers in the selection tests during the camp will be chosen to represent Malaysia at the International Biology Olympiad (IBO) 2025. The IBO 2025 is scheduled to take place from 20 to 27 July 2025, in Quezon City, Philippines.

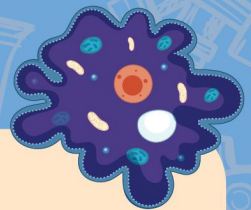
In 7 to 14 July 2024, Malaysia was invited to attend the IBO as an observer in the vibrant city of Astana, Kazakhstan. This opportunity allowed the Malaysian representatives to gain valuable insights into IBO programs and activities. On the day of the practical test, our representatives visited the examination hall and observed how the exams were conducted at Nazarbayev University on the third day of the program.

Participants were divided into four groups during the practical examinations, which systematically alternated between topics such as Anatomy and Physiology of Animals and Humans, Biochemistry, Molecular Biology, and Bioinformatics. On the fifth day, IBO participants undertook two theoretical exam papers, Parts A and B. Beyond the exams, participants also had the chance to visit the beautiful beaches of Burabay and experienced the vibrant culture of the Kazakh people. In 2025, Malaysia will send a delegation of four students, accompanied by team leaders, to compete against participants from other countries at the IBO. We hope this opportunity will attract brilliant students in BEC and allow Malaysia to achieve outstanding results while gaining invaluable experience.

Primary

Syllabus

Secondary



- Living Things and Non-Living Things
- Humans
- Animals
- Plants
- Microorganisms
- Interaction Among Living Things

- Cell Biology
- Human Biology
- Plant Biology
- Reproduction and Development
- Genetics and Evolution
- Ecology and Environmental Science
- Laboratory Rules and Safety

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 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

14th
Oct
2024

Registration Close

12th
Dec
2024

Competition Day

22nd
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 BIOLOGY OLYMPIAD (MYBO)

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📘 Malaysian Biology Olympiad