INFORMATION PACK

BEAVER COMPUTATIONAL THINKING COMPETITION 2025

ENRICHING COMPUTATIONAL THINKING IN MALAYSIA

Competition Day
21st May 2025

f Beaver Malaysia
♪ malaysianeducompetition
⊙ beavermalaysia
🌐 www.beaver.my

INTRODUCTION

The Beaver Computational Thinking Competition is an online-based competition that is part of the international Bebras effort. The Bebras competition was organized in Lithuania, and the word "Bebras" means beaver in Lithuanian. Bebras aims to promote interest in Information Technology, Informatics and Computational Thinking among students.

As of 2024, almost 4 million participants from more than 70 countries have participated in Beaver worldwide with 5,187 of them registered as participants from Malaysia. For more information on the Bebras initiative, visit **www.bebras.org**.

OBJECTIVES

- Cultivates students' creativity, information culture, and algorithmic and computational thinking.

- Facilitates a deeper understanding of information technology.

- Illustrates to students the advantages of information technologies that are helpful in learning various subjects.

- Solves problems through computational thinking using computer-based solutions.

- Prepares students for future career skills by developing essential computational and problem-solving skills.

WHO SHOULD PARTICIPATE ?

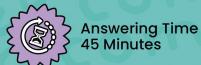| CATEGORY	PUBLIC SCHOOL	INTERNATIONAL SCHOOL
Primary	Standard 1 until Standard 6	Year 1 until Year 6
Secondary	Form 1 until Form 5 & Pre - University	Year 7 until Year 11 & Pre-University

BENEFITS FOR STUDENTS

- **Enhance Problem-Solving Skills**: Learn to frame problems for effective solutions using computers and tools.

- **Improve Logical Organization and Data Analysis**: Build skills to organize and analyze data logically for academic and professional success.

- **Strengthen Algorithmic Thinking**: Develop step-by-step solutions through algorithmic design and automation.

- **Optimize Solution Implementation**: Master identifying, analyzing, and implementing efficient solutions with minimal resources.

COMPETITION FORMAT

Level	Correct	Incorrect	Unanswered
A (Easy)	+6	−2	0
B (Medium)	+9	−3	0
C (Difficult)	+12	−4	0

15 questions with 3 levels of difficulty

Online Competition

Answering Time 45 Minutes

Laptop or personal computer is needed

LANGUAGES

English

Bahasa Melayu

CATEGORIES

Students should be registered into the following categories according to their academic year in 2025/2026 session.

There are 6 categories:

Pre-Ecolier : **Year 1 & 2**

Ecolier : **Year 3 & 4**

Benjamin : **Year 5 & 6**

Cadet : **Year 7 & 8** *(Form 1 & 2)*

Junior : **Year 9 & 10** *(Form 3 & 4)*

Student : **Year 11 & Pre University** *(Form 5, 6 & Pre-University)*

COMPETITION PROCEDURE

1. Registration for the competition is done by teacher-in-charge or parent-in-charge at **https://contesthub.my/register**

2. Fill in the school, teacher, parent and student detail and make payment

3. Competition manual, username and password for participants will be provided in the contesthub few days before the competition day

4. During the competition period, schools conduct the competition at their own venues, invigilated by the teacher-in-charge / parent-in-charge

5. Must enforce the standard examination or competition regulations

6. 3 months after the competition, the results will be announced

7. The e-certificate will be provided in the contesthub

8. Hardcopy of the certificates and medals for winners are couriered to the participant

BEAVER COMPETITION, MYDIGITAL MAKER INTERNATIONAL CARNIVAL & AWARD CEREMONY 2024

AWARDS & CERTIFICATES

🐾 Every participant will receive a certificate signed by the Founder & Chairperson of the Bebras Board, Prof Valentina Dagiene, and the President of Malaysian Computational Thinking Association, Mr Khairul Anwar Mohd Zaki.

🐾 Division of Beaver scores:

TOP 10%
Gold, Silver & Bronze Award Medal And Certificate

NEXT 40%
Honorable Mention Certificate

REMAINING 50%
Certificate of Participation

REGISTRATION FEE

NORMAL REGISTRATION
RM 40
Per Participant

INDIVIDUAL REGISTRATION
RM 60
Per Participant

IMPORTANT DATES

Normal REGISTRATION
1st JAN Until 23rd April 2025

INDIVIDUAL REGISTRATION
1st JAN Until 23rd April 2025

Beaver Day
21st MAY 2025

RESULT Announcement
AUGUST 2025

HOW TO REGISTER

Registration can be made at **https://contesthub.my/register**

REGISTER NOW!

CONTACT INFO

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