



BEAVER COMPUTATIONAL THINKING COMPETITION

USER MANUAL

2023

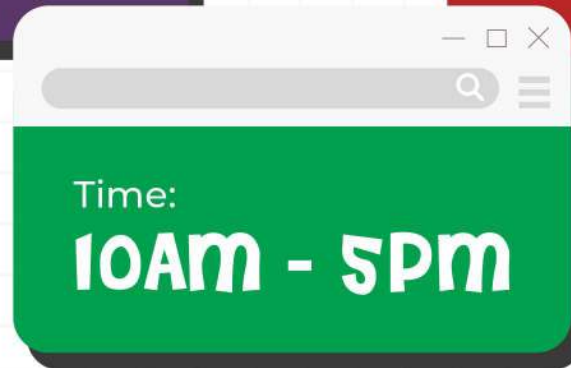
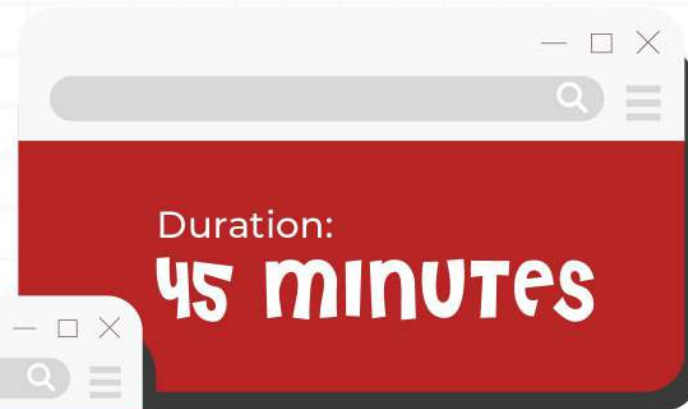
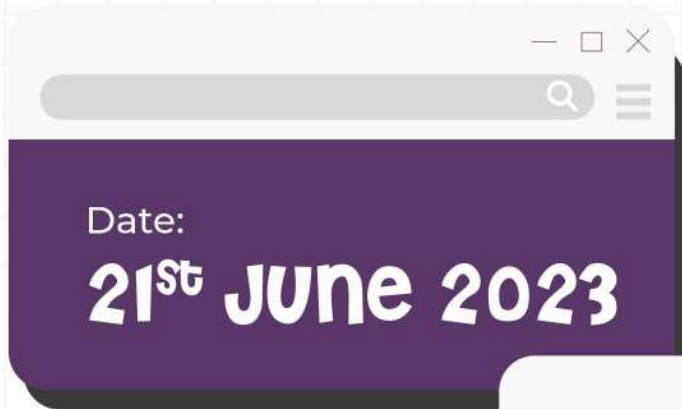


www.beaver.my



IMPORTANT INFO

Competition Period & Duration



Competition URL :

<http://english.beaver.my>

Each participant may choose to take either the **English version** or **Bahasa Malaysia version** after logging in. The participants can only do the contest once, and participants will **not be allowed to switch to another language later**.

The teacher in charge have to **log in** to the account at www.contesthub.my on **19th - 20th June 2023** and go to the **Online Quiz** page to download the unique **Contest Slip (PDF)** for each student. The Contest Slip will contain Instructions for Participants, Personal Information, Username and Password.

Categories :

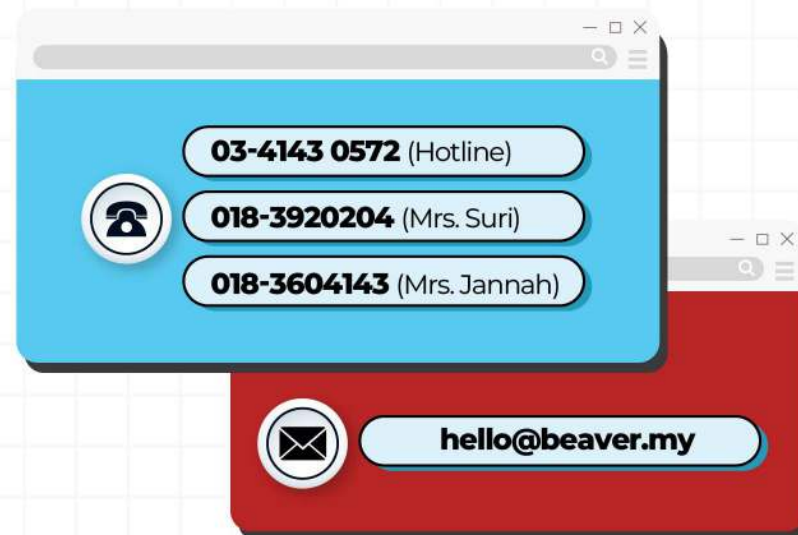


Scoring Method :

DIFICULTY	CORRECT	INCORRECT	UNANSWERED
A (Easy)	+6 points	-2 points	0 point
B (Medium)	+9 points	-3 points	0 point
C (Difficult)	+12 points	-4 points	0 point

Contact :

If you have any questions or is facing any technical difficulties relating to the competition, please contact us at



GUIDE FOR TEACHERS

This guide is meant for the Teacher-In-Charge (TIC) or parents, the one who submits the registration form and is responsible to conduct Beaver Computational Thinking Competition (BEAVER) in the school or home. Please be noted that there can only be **ONE TIC** for each school. However, the TIC may get help from other teachers to organize and invigilate students during the competition.

Before the competition :

- The teacher in charge have to log in to the account at www.contesthub.my on **19th - 20th June 2022**. Click on the **Student List** to download the unique **Contest Slip (PDF)** for each student. The Contest Slip will contain Instructions for Participants, Personal Information, Username and Password. Distribute the Contest Slips to the participants individually.
- Example:

CONTEST SLIP INSTRUCTION

INSTRUCTIONS

1. Participants can access the Beaver Computational Thinking Competition (BEAVER) 2022 contest site from **8AM until 8PM, on 21st June 2022 (Wednesday)**.
2. The duration of the contest is **45 minutes**. You can start your 45-minute anytime within the period. You will see a timer indicating how much time is remaining. If you finish in less than the allotted time you may click **End** then **Yes** but no extra mark is given for early completion. However, if you start less than 45 minutes before the end of the contest period, the contest will still end at 8PM and you have less than 45 minutes to do the contest. You can only do the contest once.
3. There are altogether **15 Tasks** for each category. The Tasks are grouped under three levels of difficulty: **A (Easy)**, **B (Medium)**, and **C (Hard)**. You will find the difficulty level of each Task in the overview before you click on it. The level of difficulty of a Task determines how it will be scored. The scoring rules are as follows:

DIFICULTY	CORRECT	INCORRECT	UNANSWERED
A (Easy)	+6 points	-2 points	0 point
B (Medium)	+9 points	-3 points	0 point
C (Difficult)	+12 points	-4 points	0 point

4. Most Tasks have 4 possible answers. Click the answer that you think is correct. Click **SAVE** if requested. A flower mark will appear beside the Task (left-hand column) when you move on to the next Task. Some Tasks require that you either supply an answer or carry out a function. You can use calculator, pen or paper, if needed.
5. Two language versions are available for each category: **English and Bahasa Malaysia**. Make sure you choose the right language version. You can only do the contest once, and if you choose the wrong version, you are not allowed to change later.
6. You may complete the problem in any order. You may return to a completed problem and change your answer at any time. If you do not wish to select an answer you may skip the problem. You may use the Erase button to delete an answer.

- Note that each pair of username and password is already assigned to a specific **CATEGORY**. Teachers must make sure it is given to the right participant according to the category.
- For the username, the only alphabet is the Category (P, E, B, C, J, S), the rest is numbers.
- For example, 2022P0000, the breakdown of the username is as follows.



- BEAVER should be treated like a regular examination. BEAVER requires all participants to use the laptop / computer. The participants are allowed to sit for the competition at school or at home based on each participating school's instructions.
- If a registered participant is unable to participate, the TIC may substitute another participant to take her/his place. Teachers are not required to inform the secretariat as the students themselves will key in their details before the competition starts. However, please be informed that no refund shall be made due to absence.

Distributing the Contest Slip :

The TIC is responsible to distribute the Contest Slip to all participants. We recommend you to print out the Contest Slip and distribute the hard copy of the Contest Slip to each participant. However, you may also use WhatsApp or email to distribute the Contest Slip in soft copy.

IMPORTANT !

THE CONTEST SLIP IS UNIQUE AND CONFIDENTIAL – PLEASE MAKE SURE PARTICIPANTS DO NOT RECEIVE THE CONTEST SLIP FOR ANOTHER PARTICIPANT. IF YOU USE WHATSAPP, DO NOT SHARE ALL CONTEST SLIPS IN A GROUP CHAT; INSTEAD, DISTRIBUTE THEM INDIVIDUALLY TO EACH PARTICIPANT.

REMINDER !

TIC should assist students as they log in, fill in their particulars and prepare for the challenges. **Please refer to pages 8-12 in this manual guide.**

During the competition :

- The competition will be opened from **10AM - 5PM**, on **21st June 2023**.
- The participants are allowed to sit for the competition at school or at home based on each participating school's instructions.
- As per other examinations and competition, participants should not be given/receive any help from anyone else throughout the duration of the competition.
- If there are not enough computers in the school, the TIC is allowed to put participants into batches. However, participants who have sat for the competition should be quarantined; they should not have contact with those who have not taken the competition

After the competition :

- The BEAVER results will be announced in **September 2023** at **www.contesthub.my**

HOW TO PARTICIPATE?

Part I: Log-In & Personal Info

1. Go to the main competition page at <http://english.beaver.my>. Click on the **Login** button.

Beaver Computational Thinking Competition (BCTC) Malaysia

Welcome Contest

Welcome

Welcome to the Beaver Computational Thinking Competition (BEAVER) 2020!

Participants can access the Beaver Computational Thinking Competition (BEAVER) 2020 contest site from Wednesday, 9th September 2020, 10.00 AM until Thursday, 10th September 2020, 10.00 PM, a period of 36 hours.

The duration of the contest is 45 minutes. You can start your 45 minutes anytime within the 36 hours period. You will see a timer indicating how much time is remaining. If you finish in less than the allotted time you may click End, then Yes. But no extra mark is given for early completion. However, if you start less than 45 minutes before the end of the contest period, the contest will still end at 10.00 PM, and you have less than 45 minutes to do the contest. You can only do the contest once.

There are altogether 15 Tasks for each category. The Tasks are grouped under three levels of difficulty: A (Easy), B (Medium), and C (Hard). You will find the difficulty level of each Task in the overview before you click on it. The level of difficulty of a Task determines how it will be scored. The scoring rules are as follows:

Difficulty	Correct	Incorrect	Unanswered
A	+6 points	-2 points	0 points
B	+9 points	-3 points	0 points
C	+12 points	-4 points	0 points

2. At the Login page, enter the **Username** and **Password** that has been given. Then, click on the **Login** button.

Note: Check the Caps Lock, and type the password correctly.

Login

Username 2022P0001

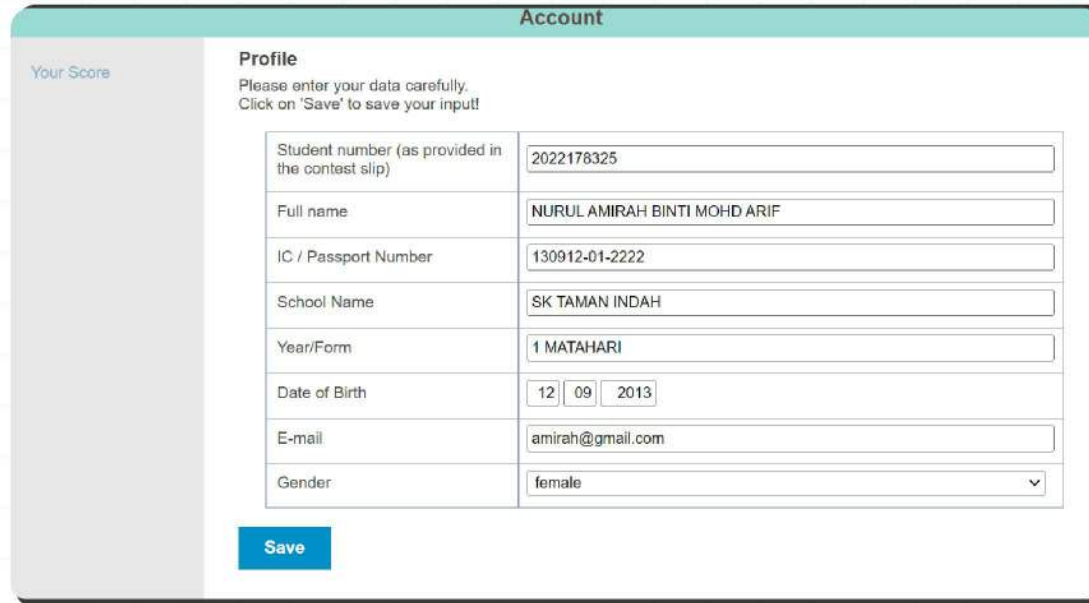
Password

Login

Example of username : 2022P0001

Please take note that ALL characters are numbers, except the capital P or E or B or C or J or S.
P= PRE ECOLIER, E=ECOLIER, B=BENJAMIN, C=CADET, J=JUNIOR and S=STUDENT

3. At the **Account page**, fill in all the personal information. Then, click on the **Save** button.
Note: Please spell your name completely and correctly, as it will appear on the certificate.



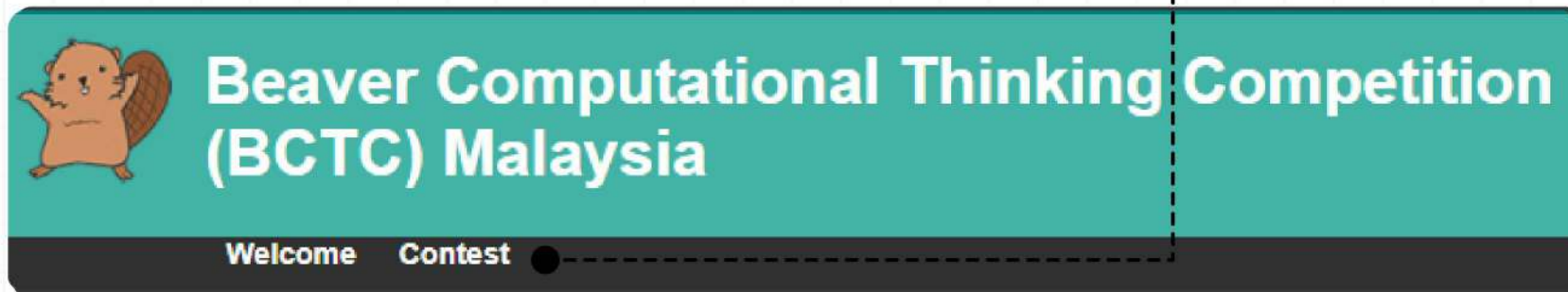
The screenshot shows the 'Account' page with a 'Profile' section. The form contains the following fields and values:

Field	Value
Student number (as provided in the contest slip)	2022178325
Full name	NURUL AMIRAH BINTI MOHD ARIF
IC / Passport Number	130912-01-2222
School Name	SK TAMAN INDAH
Year/Form	1 MATAHARI
Date of Birth	12 / 09 / 2013
E-mail	amirah@gmail.com
Gender	female

A blue 'Save' button is located at the bottom left of the form.

Part II: Challenges

1. After you have logged in and filled in the information, click on the **Contest** tab.



2. The Contest page will appear. The category button below will indicate the category that you have registered for. Each participant may choose to take either the English version or Bahasa Malaysia version.

Note: Once the participant chose into one language version, they will not be able to access the other version







3. Next, the diagram below shows the list of questions to be answered by the participants.

Name	Type	
Crossroads (BM)	A	Not answered
Free Lollipops (BM)	A	Not answered
Gears (BM)	A	Not answered
Art Scratch Paper (BM)	A	Not answered
Gears In Motion (BM)	A	Not answered
Trash Robot (BM)	B	Not answered
Plates (BM)	B	Not answered
Double Parked (BM)	B	Not answered
Hats for Snowmen (BM)	B	Not answered
Well Placed Towers (BM)	B	Not answered
Maze Runner (BM)	C	Not answered
Animals (BM)	C	Not answered
Red Riding Hood (BM)	C	Not answered
Wood Allergies (BM)	C	Not answered
Beaver Coins (BM)	C	Not answered

4. If you click on a problem link, the top of the page will show the following. The name of the question and time will be displayed. Click the **Previous** and **Next** button if you wish to jump to another question.

Note: Once you have started the contest, the timer will start and will continue to run even if the participants log out or turn off the browser. The timer will stop after 45 minutes. Participants are advised to answer all questions in the given time.



- Beaver Competition 2020 (Pre-Ecolier - Tahun 1 & 2 (Bahasa Melayu))
-  Crossroads (BM)
-  Free Lollipops (BM)
-  Gears (BM)
- Art Scratch Paper (BM)
-  Gears In Motion (BM)
-  Trash Robot (BM)
- Plates (BM)
-  Double Parked (BM)
- Hats for Snowmen (BM)
- Well Placed Towers (BM)

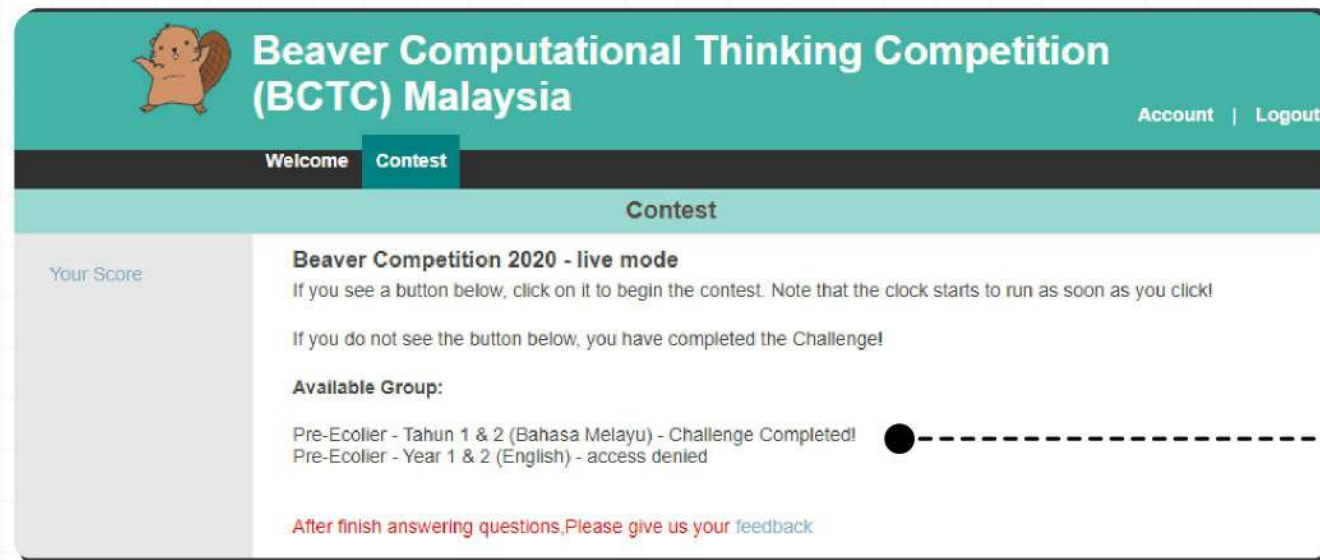
- Maze Runner (BM)
- Animals (BM)
- Red Riding Hood (BM)
- Wood Allergies (BM)
- Beaver Coins (BM)

- End

5. The list on the left side of the screen shows the list of the questions. You may also click on any question if you wish to jump straight to that specific question. The **'flower mark'** on the left side of each question indicates that the question has been answered. The **'blue triangle'** indicates that the question you are currently answering. Once you have finished answering all the questions, click **End** button.

Note: If you do not click "End" before the time limit expires, then the contest will end automatically after 45 minutes

6. Click **Yes** button to end the contest.



7. Once you have finished the contest, you will see **Challenge Completed** next to your category.

FREQUENTLY ASKED QUESTIONS (FAQS)

How many times can a participant log in to the system to take part in the competition?

A participant can only take part once and this will be counted when he/she has logged in.

What is the difference between the two language versions? Can a participant switch languages during the competition?

One version is in English while the other is in Bahasa Melayu. Everything else remains the same which includes; the questions, scoring method, level of difficulties etc. No, Participants are not allowed to switch between languages.

What will happen if a participant starts answering less than 45 minutes before the competition period ends?

The competition will start at 8AM and end at exactly at 5PM on the 21st June 2022 no matter the circumstances. Therefore, we suggest participants to start answering the questions earlier.

What will happen to the timer if I am logged out?

If a participant is logged out, the timer will still continue the count down. The participant can still continue by logging in using the same username and password, as long as there is still time left on the timer. Participants can end the competition before the time is up however, no extra points will be given for finishing early.

How many times can a participant answer a particular question?

Participants can change or erase answers as many times as they want before the time is up. They may also leave questions unanswered (this is a useful strategy at times as no points will be deducted for questions that are left unanswered).

How are the questions arranged?

The questions are arranged in increasing order of difficulty. This can be seen at the list of questions at the "Contest" tab; Type A is easy, B is medium and C is hard. Participants are free to answer the questions in any order they like.