
OBOTZ
ROBOTICS
OLYMPIAD
2025
THINK
OUT OF THE
BOOK
Robotics Challenge

Eligibility:

The competition is open for all OBotz students who have completed at least Level 1 on or before 2nd March 2025.

Level completion cut-off date for participation is **2nd March 2025**.

Categories: The participant will be allotted only in one category based on their last level completed as of 2nd March 2025. For e.g.: - A student who has completed Level 3 on or before 2nd March 2025 and currently is in Level 4 will participate in Level 3 category.

This will not be changed in any case. Only one project can be displayed and submitted by the student and under no circumstances will the student be allowed to participate in 2 categories

Topic:

The project should belong to at least one of the topic mentioned below:

- Agriculture
- Retail Industry
- Warehouse/Logistics
- Healthcare/Medical
- Automation for Home
- Automation for Industry/Office
- Special needs
- Space/Different planet

Be Innovative and Creative. Give a suitable and attractive name to the Project.

Model:

The project must be an electronically working model (not just construction). Kindly make sure the project is not a standard design from any levels. It should have proper application related to one of the topic chosen from previous slide, and some additional features with art and craft involved for presentation.

The participant cannot build exact same project uploaded on OBotz website, Facebook and Instagram.

https://obotz.ca/students-project
https://www.facebook.com/obotzcanada/
https://instagram.com/obotzcanada?igshid=YmMyMTA2M2Y=

Construction:

The participants must use electronic components from the kits provided to them during their levels and can also combine kits of previous levels. The participant is not allowed to borrow parts from anyone else.

For e.g.: - A student completed Level 3, currently is in Level 4 will participate in Level 3 category and can use parts from Level 1,2 & 3 but not from Level 4.

The participants can use external building parts/construction or decorative materials in their project. Please ensure no additional or external electronic parts are used other than those provided in the kit as this will lead to disqualification.

Category	LEVEL KIT that can be used						
	L1	L2	L3	L4	L5	L6	L7
L1 project	✓						
L2 project	✓	✓					
L3 project	✓	✓	✓				
L4 project	✓	✓	✓	✓			
L5 project	✓	✓	✓	✓	✓		
L6 project	✓	✓	✓	✓	✓	✓	
L7 project	✓	✓	✓	✓	✓	✓	✓

**Students who completed Level 7 will participate in Level 7 category

Video & pictures:

Please submit 1 video & 5 pictures of the project with the participant in it, which will be used to verify whether all the rules are followed.
Also capture 1 min video of “Behind the scenes” showing the process and efforts in creating this innovative project.

Project video for Level 1,2 and 3 should not be longer than 90 seconds, working needs to be shown explaining the idea and which category does it belong to? Also explain the use/working and do not mention about any parts.

Project video for Level 4 to 7 should not be longer than 120 seconds. The working of project and glimpse of code needs to be shown, also explain the technology used and core part of the code.

Deadlines :

Last date to send 2 videos & 5 pictures is **6th April 2025 by 4 pm**. You can submit your project pictures, project video and behind the scenes video to the respective center by email or G-drive link before the deadline.

Code submission: Level 4 to 7 categories must submit their codes along with 2 videos and 5 pictures.

OBOTZ ROBOTICS OLYMPIAD 2025

Project Display in person : 23rd March to 5th April 2025

Location :At OBotz center - exact time slots will be shared by the respective OBotz center head.

Time limit: Every child would get 3 minutes to present their project.

Registration Deadline: 2nd March 2025

Project Submission Deadline: 6th April 2025

Innovators Hub & Award ceremony – 27th April 2025

Registration Fee: $35 (Pay your center for completing the registration).

Every participant who registers gets a medal.

Winning Parameters - EPIIC:

(Each parameter will be marked on a scale from 1 to 10)

- **E**xecution (working efficiency, user friendly)
- **P**resentation (communication, confidence, video)
- **I**deation (Clarity, research, use)
- **I**nnovation (uniqueness, futuristic)
- **C**reativity (design - shape, color, materials, elements).

TOP 5% of each category will move to INNOVATORS HUB

INNOVATORS HUB: - (ONLINE)

The Finalists will have to answer a series of questions related to the project, which will be asked by the judges in front of the entire audience/parents. (Online)

The participant will have to prepare on the questions mentioned in the next slide.

The judges will decide the winner based on EPIIC and Innovators Hub interaction.

INNOVATORS HUB QUESTIONS:

What inspired you for this project idea?

What technology/concept/science was used in this project??

Explain the market usage/compatibility of your project

Scalability of this project in terms of (Market and product)

Comparative market study on cost with similar products available.

Innovation is Unfinished if it doesn’t become a Finished product

INNOVATORS HUB & AWARD CEREMONY

Date – 27th April 2025 (Online)
(Exact time will be shared before 25th March 2025)

Champions of each Level will be awarded a cash prize of $75 (Gift card)

Trophy winners and Merit winners of each level will be declared on 27th April 2025

Every participant will receive a medal.


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Thank You