

# UNIVERSAL ROBOTICS CHALLENGE 2023

## Idea Contest Competition Overview

Published April 3 (Mon), 2023

- |                              |   |
|------------------------------|---|
| <b>1. Qualifications</b>     | Must be an elementary or junior high school student   |
| <b>2. Entry Fee</b>          | Consult your local Universal Robotics Challenge partner for details.  |
| <b>3. Application Period</b> | <b>July 7 (Fri) to August 18 (Fri), 2023</b>  |
| <b>4. Screening</b>          | Winners will be selected from the top two Japanese as well as the top two international participants based on a thorough review from the Executive Committee. |

- ★ International submissions will be evaluated using the same criteria by a separate committee.
- ★ World Finals reviews will include committee members from all participating countries, meaning that interpretation may be required.
- ★ Executive Committee will not translate videos into English. Only submitted videos will be reviewed.
- ★ The committee will evaluate each project on originality, technical skill, and design.
- ★ The presentation itself will not be evaluated this year. The evaluation will be limited to the projects themselves rather than the quality of the video and the explanation. Every presenter, however, should make their best effort to show the functions and features of their project in the video.

## 5. Results

The results of the World Finals will be announced online on **October 30 (Mon), 2023**.

## 6. How to Apply

- ① Use official competition materials to build a robot according to this year's theme.

★ Program file for the robot must be submitted along with application.

**Theme**

Fight for the Climate

**Official Materials**

- Studuino, Studuino:bit Core Unit, or Studuino Lite
- ArtecRobo and/or ArtecRobo 2.0
- Artec Blocks
- Craft materials (rubber bands, string, paper, etc.)

★ Keep in mind that craft materials should be non-electric and easily purchased from any arts and crafts store or home improvement center.

★ Submissions may use computers and accompanying peripherals such as mice, keyboards, web cameras, microphones, and headphones to control the machine or robot.

- ② Make a video introducing your robot. This video can include either voiceover or text and should be two minutes or less in length:

[Sample Video](#)



- ③ Upload the video for your robot to YouTube. Follow the guide below to find out how to upload your video:

[Uploading to YouTube](#)



Find out more about the Universal Robotics Challenge at

<https://www.urc21.org/en/>

