

International robotics competitions for elementary and junior high schoolers!

UNIVERSAL
ROBOTICS
CHALLENGE



2023 The 7th



Compete in person★ and online!

Reach the World Finals in Osaka

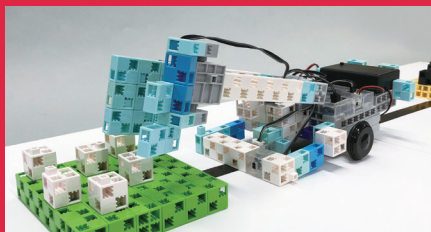
The Universal Robotics Challenge is designed to foster and interest in and passion for robotics, bringing together kids from across the world to compete using robots they create and program themselves. This year's competition features three divisions, including a face-to-face final competition for Real Robotics.

★ May be held exclusively online depending on the state of the COVID-19 pandemic.



Real Robotics

Follow the rulebooks to build your own robot and compete for the high score in person and online!



Preliminaries

Finals

Submit
online!



Compete
in person!



Idea Contest

Make your own original project and upload a video of it you YouTube!



Submit
online!



Virtual Robotics

Test your programming skills using an online robotics simulator right from your Internet browser!



Compete
online!



★ Images from the 2022 Universal Robotics Challenge.

Compete for lots of great prizes!



★ Prizes shown from 2022 competition. Actual appearance of prizes may vary.



Find out
more at

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

Hosted by the Artec Co., Ltd. UNIVERSAL ROBOTICS CHALLENGE Executive Committee

The Universal Robotics Challenge

Inspiring passion for robotics by bringing kids across the world together to compete in building and programming their own robots.

All competitions use the ArtecRobo platform and Artec Blocks.

Real Robotics

The Challenge Stacking Packages

Visit a factory or construction site and you'll find machines like forklifts and excavators that help humans move heavy objects. In this competition, participants will design and build their own stacking machine and compete to see how many packages they can stack!

Dates

Regular and Advanced Divisions

Submissions will be accepted from

July 7 (Fri) to August 18 (Fri), 2023

Preliminary results will be published on

August 2 (Wed), 2023

World Finals will be held on

August 26 (Sat), 2023
in Osaka, Japan

Entry Fee

Contact your local Universal Robotics Challenge partner for details!

Idea Contest

The Challenge Fight for the Climate

Inspired by Sustainable Development Goal 13, which urges us to take action to limit and adapt climate change, this competition challenges participants to fight for their planet by designing and building innovative machines and systems!

Dates

Junior and Senior Divisions

Submissions will be accepted from

July 7 (Fri) to August 18 (Fri), 2023
results will be published on the official website!

Entry Fee

Contact your local Universal Robotics Challenge partner for details!

Virtual Robotics

The Challenge Fight for the Climate

Program and compete with an ArtecRobo car in a fully-3D robotics simulator. The Virtual Robotics division challenges participants to clear missions across three stages and get the highest score possible within the time limit!

★ Programming in the GoTechUp robotics simulator is based on Scratch 3.0.

Dates

Junior and Senior Divisions

Sign up from

July 7 (Fri) to August 3 (Thur), 2023

Competition will be held worldwide on

September 9 (Sat), 2023
results will be published on the official website!

Entry Fee

Contact your local Universal Robotics Challenge partner for details!

★ Adopted by the United Nations in 2015, the Sustainable Development Goals are a set of 17 goals and 169 targets which aim to use sustainable development to drastically reduce environmental problems, discrimination, poverty, and human rights issues by 2030.

The official website goes live on April 3, 2023!
Find out more details at <https://urc21.org/en>



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まほひ
STUDY & ACTIVITY

Hosted by the Artec Co., Ltd. UNIVERSAL ROBOTICS CHALLENGE Executive Committee

Special thanks to: **Gakken** Gakken Method Co., Ltd.

Contact us at:
<https://www.artec-kk.co.jp/en/contact/>

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