

ARTEMIS STUDENT CHALLENGES

Join an Artemis Student Challenge!



Human Exploration Rover Challenge

Create a human-powered vehicle designed to traverse a simulated surface and perform mission tasks of another world

Micro-g NEXt

Design, build and test a tool or device to address a current space exploration challenge

Spacesuit User Interface Technologies for Students

Design and create spacesuit information displays within an augmented reality environment

Lunabotics

Build a robot to simulate an off-world lunar mining mission

First Nations Launch

Build and launch a K-class high-powered rockets

Student Launch

Design, build and test a high-powered rocket with a scientific payload that supports research for the Space Launch System

BIG Idea Challenge

Design lunar payloads that demonstrate technology systems needed for exploration and science



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Thanks to #Artemis Student Challenges like #MicrogNEXT, students are working with @NASA on missions to the Moon!

Undergrads: Learn how YOU can be a part of what's next by tuning in for a #MicrogNEXT info-session on Sept. 16th at 7pm ET.

Session bit.ly/2DMZ4PF

Artemis Student Challenges

Join the Artemis Generation and take on a challenge or two to solve a problem. Make it real!

Step 1 **Human Exploration Rover**
Create a vehicle and mission (or two) to explore the lunar surface and provide the command surface of lunar moving vehicles.

Step 2 **Lunarbotics**
Develop a robot to assist in lunar moving vehicles.

Step 3 **Microg NEXT**
Design a robot to help in robotic lunar moving vehicles.

Artemis Generation Students Across US Speak With NASA Astronaut in Space

Robot behavior advanced educational challenges from students across the US. Meet NASA Astronaut in Space and learn more about an opportunity to interact with astronauts and learn more about the Artemis mission. The Artemis mission will take the first woman and next man to the Moon in 2024.

Frequently Asked Questions

- Can I participate in multiple challenges?
- How much effort is required to succeed in an Artemis Student Challenge (ASC)?
- Who is eligible to participate?
- Can international teams participate?
- How much money should our team anticipate spending on this challenge?



<https://go.nasa.gov/2Sz1d3a>

<http://stem.nasa.gov/artemis>



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The Next Generation of Explorers