



App Development Challenge



The App Development Challenge (ADC) is a coding challenge in which NASA presents technical problems to middle and high school students seeking student contributions to deep space exploration missions.

The ADC, in cooperation with NASA's Space Communication and Navigation (SCaN) program, is one of eight NASA Artemis Student Challenges, whose mission is to build foundational knowledge and introduce students to topics, techniques, and technologies critical to the success of the agency's Artemis program.

By responding to the ADC, students take part directly in the Artemis Generation endeavors to land American astronauts, including the first woman and first person of color on the Moon. Utilizing what we learn on and around the Moon to take the giant leap of sending the first astronauts to Mars.

Teachers from informal or formal U.S. education organizations will register a middle school (grades 5-8) or high school (grades 9-12) team consisting of at least five students.

In the ADC, teams have 10 weeks to code solutions to technical problems presented by NASA. This year teams will code a visualization of the Artemis II mission.

Students will have support from NASA subject matter experts during three live virtual connections.

Teams who perform well may be selected to showcase their application at NASA's Johnson Space Center in Houston.

For the registration link and more information visit our website or email us at JSC-ADC@mail.nasa.gov.



September 25 –
Registration Closes

3 Live Events – Oct. 16,
Nov. 6, and Nov. 20

Dec. 11 @ 2 p.m. –
Video Submission

Top Teams
Announced



September

October

November

December

January

February

March

April

September 30 -
Teacher Training

Oct 2. - Challenge
begins, and Live
Kickoff



Selected Team
Interviews

April 14-17, 2025 –
Culminating Event