



# 2021 Challenger Learning Center STEM Camps In-Person and Virtual Opportunities



**Please Note: When choosing a summer camp, schedule your child for the grade level they will be entering in the fall of 2021.**

Camp Description	Dates Offered	Grade Level	Time	Cost
<b>IN PERSON - Junior Space Explorers</b> - Investigate planets, moons, stars, constellations, and more as you become a Jr. Space Explorer! Campers will participate in hands-on space activities using Star Lab, designing a space habitat, and using augmented and virtual reality.	<b>Session 1</b> July 19-23  <b>Session 2</b> July 26-30	Grades 2-3	9:00-12:00	\$150
<b>IN PERSON - Robot Rendezvous</b> - From nanobots to rovers, robots are changing our world. Participants will discover the importance of teamwork and innovation as they complete robotic design challenges. If you have always wanted to build robots and explore different robotic systems - this is the camp for you!	July 12-16	Grades 4-6	<b>Session 1</b> 9:00-12:00  <b>Session 2</b> 1:00-4:00	\$150
<b>IN PERSON - Astronaut Training</b> - What will it take to live in space? Participants will train to become astronauts in preparation for their simulated space mission to Mars. Training includes astronomy, robotics, experiments, and 3-D printing. Join us this summer to experience NASA based simulations, new creations and tons of inspiration!	<b>Session 1</b> July 19-23  <b>Session 2</b> July 26-30	Grades 6-8	1:00-4:00	\$150
<b>IN PERSON - Expedition Mars - (This experience is being offered to students who would typically visit Challenger during their 5th grade year, but due to COVID, were unable to attend.)</b> Our Expedition Mars scenario puts young learners in charge of a simulated flight between Mars and Phobos. Students are transformed into astronauts, scientists, and engineers with a single common purpose - the success of the mission. Teamwork, communication, problem-solving, and decision making skills are put to the test.	<b>Session 1</b> June 29  <b>Session 2</b> August 4	Grade 6-7	9:00-12:00	\$25
<b>VIRTUAL - Destination Mars</b> - Students analyze data from rovers or small robots on the two moons of Mars – Deimos and Phobos – to decide which moon is better for a base. During analysis, something goes wrong with one of the rovers/robots collecting data and students work together to fix the issue.	<b>Session 1</b> July 13  <b>Session 2</b> July 14	Grades 5-6  Grades 5-6	9:00-10:30  9:00-10:30	\$25
<b>VIRTUAL - Destination Moon</b> - Students launch New Glenn, and deploy the Blue Moon lunar lander on a cargo mission to the Moon. Students work in teams to monitor the engines and the structure of the rocket and the lander. Students will monitor and adjust trajectory, based on data about space weather and debris, and choose an optimal Moon landing site.	<b>Session 1</b> July 13  <b>Session 2</b> July 14	Grades 7-8  Grades 7-8	11:00-12:30  11:00-12:30	\$25

**All camps will be located at Challenger Learning Center, 720 West Judd Street, Woodstock, IL 60098**

**Limited Spaces Available!**

Register online at: [www.challengerillinois.org/summer-camps](http://www.challengerillinois.org/summer-camps)

Questions? Email [challenger@wcusd200.org](mailto:challenger@wcusd200.org) or call 815-338-7722