All campers should bring a bag lunch and drink for all camps.

All campers receive a Challenger t-shirt.

Summer Camps 2027

The Challenger Learning Center
of Richland County School District One

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Astronaut Academy

9am-1pm

July 19-22 (8-12 yrs old), $200
July 26-29 (8-12 yrs old), $200

As an astronaut preparing for your mission, you will explore robotics, rocketry and aviation as you prepare for your first mission! Campers will fly a Space Mission, visit the e-Planetarium, and fly planes with our simulators. Campers will keep the robot they assemble and the rocket they construct. (Campers will also learn how to program EV3 robots, but they will **not** be allowed to keep the EV3 robots.)

Robotics

9am-1pm

June 28-July 1 (8-12 yrs old), $200
July 12-15 (8-12 yrs old), $200

Build a robot to keep every day! Campers will also work with Mindstorm EV3 robots. (Campers will **not** be allowed to keep the robots constructed with the Mindstorm kits.)

Rocketry

9am-1pm

June 14-17, Mercury (10-12 yrs old), $200
June 21-24, Artemis (7-9 yrs old), $200

Be a rocket scientist! Learn the basic skills of rocketry (measuring, cutting, simple gluing, and launching) in Artemis and more skills (advanced gluing, finishing techniques, and Newton's Laws) in Mercury. Campers will keep the rockets they construct. Campers are encouraged to bring sunglasses to wear during rocket launches. Campers who complete the Artemis Camp will have fulfilled requirements of the National Association of Rocketry's NARTrek Junior program (Junior Beginner credential); campers who complete the Mercury Camp will have fulfilled requirements for the NARTrek Junior program (Intermediate Beginner credential).

Aviation

9am-1pm

June 8-10, Intro (11-18 yrs old), $115
June 29-July 1, Intro (11-18 yrs old), $115
July 12-15, Advanced (15-18 yrs old), $125

Learn about careers in the aviation industry and the basics of flight. These camp focus on how to fly through simulation. Students will also get an opportunity to learn about the history of flight, airplane structural designs and basic flight maneuvers. For students who would like to earn their Private Pilot Certificate, our Advanced Aviation camps include seminars on topics tested on the FAA's Private Pilot Knowledge Exam.

Campers **must** attend Intro in order to attend Advanced.

Drones

9am-1pm

June 14-15, Intro (13-18 yrs old), $80
June 16-17, Intro (13-18), $80
June 21-23, Advanced (15-18 yrs old), $100
June 24, Coding (15-18 yrs old), $50

Campers will learn how to fly a drone safely and ethically. After learning about the principles of flight, campers will learn drone flight maneuvers and participate in flight control and accuracy challenges. The Advanced Drone camp also includes seminars on topics tested on the FAA's Remote Pilot Certification Exam to prepare students for the exam. In Coding Drone, campers will use block-based coding language to program a drone to perform various maneuvers. (Campers will **not** be allowed to keep the drones they fly during camp.)

Campers **must** attend Intro in order to attend Advanced and Coding.