

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

All campers receive a Challenger t-shirt.

Summer Camps 2021

The Challenger Learning Center
of Richland County School District One

2600A Barhamville Road
Columbia, SC 29204
Phone: (803) 929-3951
Fax: (803) 929-3959
Challenger@richlandone.org
www.thechallengercenter.net

Astronaut Academy

June 28-July 1 (8-12 yrs old), \$180
July 12-15 (8-12 yrs old), \$180

9am-1pm

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

July 19-22 (9-14 yrs old), \$200
July 26-29 (9-14 yrs old), \$200

9am-1pm

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

Aug 4-5, Intro Jr. (7-9 yrs old), \$50
Aug 9-12, Advanced Jr. (7-9 yrs old), \$100

June 16-17, Intro (10-12 yrs old), \$50
June 21-24, Advanced (10-12 yrs old), \$100

9am-1pm

Be a rocket scientist! Learn the basic skills of rocketry (measuring, cutting, simple gluing, and launching) in Intro and more skills (advanced gluing, finishing techniques, and Newton's Laws) in Advanced. Campers will keep the rockets they construct. Campers are encouraged to bring sunglasses to wear during rocket launches.

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

Family Fun Rocketry

Aug 6, Intro, \$35/\$10, 9am-12pm
Aug 6, Advanced, \$60/\$10, 1pm-4pm

Parents, don't let your children have all the fun! Come to camp with your child to build and launch rockets! If no one in your group has built a model rocket before, sign up for Intro. If someone in your group has model rocketry experience, sign up for Advanced. See our website for details:

<http://thechallengercenter.net/programs/summer-camps/>

Drones

June 16-17, Intro (11-14 yrs old), \$100
June 21-24, Advanced (15-18 yrs old), \$150
June 28-29, Academy (8-10 yrs old), \$100
June 30-July 1, Academy (8-10 yrs old), \$100
July 19-20, Academy (8-10 yrs old), \$100

9am-1pm

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. At the conclusion of camp, campers will keep the drone they built.

Aviation

July 14-15, Academy (8-10 yrs old), \$50
July 26-29, Intro (11-14 yrs old), \$125
Aug 2-5, Advanced (15-18 yrs old), \$100
Aug 9-10, Flying Fixed Wing (15-18 yrs old), \$100
(9am-4pm)
Aug 11-12, Flying Rotary Wing (15-18 yrs old), \$100

9am-1pm

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 Advanced in order to attend Fixed or Rotary Wing camp.