

Waccamaw Elementary Summer Camp



AEROSPACE EDUCATION In the 21st Century

SPACE CITIES:

**July 24 – 27, 2017 Monday- Thursday
9:00 A.M. - 12:00 P.M.**

This class is designed for rising 2nd – 5th graders. The students will learn about living and working in Space, where astronauts sleep, how they eat, exercise, work and spend free time. They will design and build space stations in cooperative groups using recycled materials and participate in activities involving EVA assimilations, hands-on science experiments dealing with microgravity, weightlessness, and astronaut foods. Students will learn to develop their imagination and creativity. They will learn about contributions NASA has made to improve the quality of life on earth. Cost: \$100 which includes tuition and all materials. Students are welcome to repeat this class as many times as they like creating new space stations each year.

SPACE EXPLORATION:

**July 24 – 27, 2017 Monday - Thursday
12:30 P.M. - 3:00 P.M.**

This class is designed for rising 5th – 9th graders. Discover and learn about Orion's features, innovations and design capabilities of the future. Students will learn how innovations developed in space influence life on earth. Students will learn more about where America is going next, including the International Space Station, the moon, near Earth Asteroids and Mars. Students will investigate and experiment with scientific principles relating to space exploration. Classes will include hands-on experiments in topics such as robotics, rocketry, weather, and space suit technology as it relates to health care, satellites, and hydroponics. They will interact with an educational specialist from the Johnson Space Center. Emphasis will be on critical thinking skills, problem solving and deductive reasoning. Cost: \$100 which includes tuition and all rocket materials.

The teaching team will be composed of Connie Richardson Smith, an educator/consultant/Morningside College adjunct instructor. Co-teaching is Mary Richardson Tester, who teaches high school special education at Waccamaw High and Ben Tester, who teaches 8th grade science at Waccamaw Middle. Connie and Mary have successfully taught this aerospace science camp for many years adding new features each year. Both teachers have completed graduate work at the University of Iowa in Science Education through the Iowa Chautauqua Program. They have completed teacher training at the Johnson Space Center through the Space Exploration Educators Conference and Mary attended MoonKam training in Las Vegas through the Sally Ride Science Institute. This summer we are fortunate to have Ben join the team to co-teach the Space Exploration Class. He is a graduate of the College of Charleston and a former student of Space Camp.

Registration is on a first come, first serve basis. Program materials will be sent to participants upon registration prior to the beginning of class. **You will be notified if you are not accepted.** For more information, contact Mary Tester at 843-602-6447 or email her at mtester@gcsd.k12.sc.us. Partial scholarships are available for students with financial needs, contact Mrs. Tester to apply for them. The registration fee is nonrefundable. **A \$5 discount will be given to all participants who register by June 1, 2017.**

To register, complete the attached form including your registration fee and return it to:

Mrs. Mary Tester
59 Raintree Lane
Pawleys Island, SC 29585

--<-----<-----<-----<-----
Please register me for the 2015 Aerospace Education Camp at Waccamaw Elementary School.

Name: _____

Address: _____
(Street) (City/State) (Zip Code)

Phone Number: _____ Email _____

Parent/Guardian: _____

School Attended: _____ Grade completed as of June 2015 _____

Teachers Name: _____

Session: **Please circle the session you are registering for.**

SPACE CITIES: July 24 – 27 9:00 A.M.-12:00 P.M. - \$100
(Rising 2nd-5th graders)

SPACE EXPLORATION: July 24 – 27 12:30 P.M. - 3:00 P.M. - \$100
(Rising 6nd-9th graders)