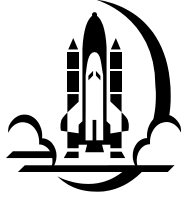


STEM Education Aerospace Camp



Waccamaw Elementary



SPACE EXPLORATION:

Monday – Thursday, July 11 – 14, 2016 9:00am – 12:00pm

This class is for students completing 5th - 8th grades. Students will learn 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. They will interact with an educational specialist from the Johnson Space Center. Emphasis will be on critical thinking, problem solving and deductive reasoning skills. Cost: \$100 which includes tuition and all rocket materials.

SPACE CITIES:

Monday – Thursday, July 11 – 14, 2016 12:30pm – 4:30pm

This class is designed for students completing 2nd - 4th grades. Students will learn about living and working in Space, where astronauts sleep, how they eat, exercise, and spend their 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 gravity, space mud and astronaut foods. Students will develop their imagination and creativity skills. They will learn about contributions NASA has made to improve the quality of life on earth. Students are welcome to repeat this class as many times as they like creating new space stations each year. Cost: \$100 which includes tuition and all materials.

The Instructors:

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 7th 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. Connie attended the International Space Station conference in Boston last summer sponsored by the American Astronautical Society. This summer we are fortunate to have Ben join the team to co-teach the Space Exploration Class. He is a recent graduate of the College of Charleston and a former student of Space Camp.

