



Middle School Program Guide

Sixth Grade

Team Building

This program gives your students the experience of working together to accomplish a series of challenges during which they will discover a lot about themselves and others. The experience enables students to break out of their comfort zones and learn to work with each other strengths and weaknesses to succeed in their tasks.

Digitarium (Seasons, Phases of the Moon, Tides, Planets and Solar System)

The Digitarium is our portable, computerized planetarium system. A room with a minimum clearance of 12' is needed to use the system. Astronomy programs utilizing the Digitarium can be made to fit with the topic of your choice, or we have several programs that can be expanded to fit into the Middle School curriculum.

Georgia Performance Standards: S6CS1, S6CS5, S6CS7, S6CS8, S6E1, S6E2, S6E5

Barrier Island Dynamics

This field trip will take you to the North end of Tybee Island where Oatland teachers will explain the physical forces that act upon the sand to cause both erosion and accretion of the barrier islands. Also, how humans influence these coastal islands will be discussed along with long term impacts and climate patterns.

Georgia Performance Standards: S6CS1, S6CS2, S6CS4, S6CS5, S6CS7, S6E2, S6E3, S6E4

Trails and Treasures – Map and Compass

In this two hour course students will learn how to use a compass and then how to apply that knowledge to finding their way on a map. Students will finalize their trip by working in teams to move through a compass course to find hidden “treasures”. This field trip can be taught in sequence with the Global Positioning system course below. This field trip can accommodate up to 30 students.

Seventh Grade

Biodiversity

Biodiversity occurs on three levels: 1) Genetic Diversity, 2) Species Diversity, and 3) Ecosystem Diversity. Students will learn how diversity at these different levels impacts the other levels and how important biodiversity is to the existence of life on earth.

Georgia Performance Standards: S7CS1, S7CS3, S7L1, S7L3, S7L4, S7L5

Organism Classification

Taxonomy is the system of naming and organizing organisms into a hierarchy of ‘taxa’. With the use of bio-facts, and live organisms students will have the opportunity to learn and practice the science of Taxonomy. With the information gathered, students will construct a dichotomous key that will help them understand the concepts.

Georgia Performance Standards: S7CS1, S7CS6, S7CS7, S7CS8, S7CS9, S7L1, S7L4

Eighth Grade

Simple Machines and the Union Blockade

Fort Pulaski brings history and science together for students during this exciting hands-on experience. Students will participate in activities that will help them understand how the Union blockade affected Fort Pulaski and Savannah and how the soldiers used muscle power and simple tools during the building and use of the Fort.

Georgia Performance Standards: SS8H6(b), SS8G1(c), SS8G2(a), S8P2(d), S893(c)

Offered January 9 - 27, 2017 at Fort Pulaski.

