



Sixth Grade South Carolina Programs

MONTHLY PROGRAM PAIRINGS

SEPTEMBER & OCTOBER	NOVEMBER	FEBRUARY & MARCH	APRIL & MAY
*Sunstruck Animal Adaptations Energy Transformations	Ecohike in Hitchcock Woods	*Seven Wonders Hiker Simple Machines	Ecohike in Hitchcock Woods

PLANETARIUM PROGRAMS

SUNSTRUCK Months offered: SEPTEMBER & OCTOBER

Discover the wonders of our sun! Its incredible energy supports life on Earth, but solar storms can threaten our technology and way of life. Discover connections between sunspots, magnetic fields, aurora, and power failures. Travel to the distant future to discover our sun’s connection to the cosmic cycle of life and death. Standards: 6.P.3A.1, 6.E.2A.2

SEVEN WONDERS Months offered: FEBRUARY & MARCH

Turn back the pages of time and witness the ancient wonders of the world, as they appeared thousands of years ago. Explore the Great Pyramid, stand in the shadow of the towering Colossus and experience the rest of the world's Seven Wonders. We will investigate the theories of how these wonders were created, and get a glimpse of some of the universe's greatest wonders. Standards: Social Studies 6-1.3, 6-2.3

DISCOVERY PROGRAMS

ANIMAL ADAPTATIONS Months offered: SEPTEMBER & OCTOBER

We will compare and contrast structures; processes and behavior responses that help endothermic and ectothermic animals survive. Students will observe and interact with live animals including salamanders, frogs/toads, turtles, snakes and alligator and an owl. Standards: 6.L.4B.1, 6.L.4B.2, 6.L.4B.3, 6.L.4B.5

ENERGY TRANSFORMATIONS Months offered: SEPTEMBER & OCTOBER

Students will build and power circuits using different energy sources such as chemical, mechanical and thermal. Explore the benefits of solar panels and learn how clean energy is the way of the future! Program Sponsored by: SCANA Standards: 6.P.3A.1, 6.P.3A.3

HIKER Months offered: FEBRUARY & MARCH

This interactive computer program explores graphing concepts by tracking students’ movements. Students enjoy the challenge and fun of moving to create specific line graphs. Standards: Mathematics 6.EE1.9

SIMPLE MACHINES Months offered: FEBRUARY & MARCH

Students will conduct investigations to distinguish between force and work, and mass and weight. They will demonstrate how simple machines such as levers, pulleys, and inclined planes reduce the amount of force needed to do work. Standards: 6.P.3B.1, 6.P.3B.2



Sixth Grade SC Programs Continued...

OUTDOOR EXTENDED HOUR PROGRAM

ECOHIKE IN HITCHCOCK WOODS **Months offered: NOVEMBER, APRIL & MAY**

This is a two-hour, two-mile guided hike through Hitchcock Woods. Native plants will be identified, evidence of animal life will be examined, and forest communities will be compared. Standards: 6.L.4B.1, 6.L.4B.2, 6.L.4B.5