Sixth Grade
South Carolina Programs

MONTHLY PROGRAM PAIRINGS

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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.EEI.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
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