



Sixth Grade South Carolina Programs

MONTHLY PROGRAM PAIRINGS

AUGUST, SEPTEMBER & OCTOBER	DECEMBER & JANUARY
*Cosmic Colors OR *Seven Wonders OR *Grossology and You Energy Transformations Mars Math Expedition Weather and Climate	*Cosmic Colors OR *Seven Wonders OR *Grossology and You Hiker Rockin' and Rollin' Seafloor Surveyors

PLANETARIUM PROGRAMS

COSMIC COLORS Months offered: AUGUST, SEPTEMBER, OCTOBER, DECEMBER & JANUARY

Cosmic Colors will take you on a wondrous journey across the electromagnetic spectrum. Discover the many reasons for color – like why the sky is blue and why Mars is red. Take a tour within a plant leaf and journey inside the human eye. Investigate x-rays at your doctor’s office and at a monstrous black hole. Get ready for an amazing adventure under a rainbow of cosmic light! Standards: 6-PS4-2, PS4.B

GROSSOLOGY AND YOU Months offered: AUGUST, SEPTEMBER, OCTOBER, DECEMBER & JANUARY

Join Noreen Neuron, host of the “Personal Universe” game show, as she leads us through a competition to decide which body system is the best and brightest. Will it be Scabby (the immune system), Boogie (the respiratory system) or Flatus (the digestive system)? Standards: 6-LS1-3, 6-LS1.A, 6-LS1-8, 6-LS1.D

SEVEN WONDERS Months offered: AUGUST, SEPTEMBER, OCTOBER, DECEMBER & JANUARY

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

ENERGY TRANSFORMATIONS Months offered: AUGUST, 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-PS3-3, 6-PS3.A, 6-PS3.B, 6-ETS1.B

HIKER Months offered: DECEMBER & JANUARY

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

***NEW MARS MATH EXPEDITION** Months offered: AUGUST, SEPTEMBER & OCTOBER

Students will code their Competition Advanced Hero Bot to complete a series of tasks to earn points in the Mars Math Expedition competition. The Playground features twelve different tasks that can be completed to earn points. Students must choose tasks strategically to earn the post point possible in one minute. Standards: 6.AP.1.1, 6.AP.1.2, 6.AP.3.1, 6.AP.4.1



Sixth Grade SC Programs Continued...

DISCOVERY PROGRAMS

ROCKIN' & ROLLIN' Months offered: DECEMBER & JANUARY

Students observe excellent specimens of igneous, sedimentary and metamorphic rocks. They compare physical properties, relate properties to formation processes, and examine sand derived from various rocks. They also classify fossils and products of Earth resources. Standards: 6-ESS2-1, ESS2.A, 6-ESS2-2, ESS2.C

SEAFLOOR SURVEYORS Months offered: DECEMBER & JANUARY

Join us for a deep-sea mapping expedition that reveals connections between landforms and plate tectonics. Students use sounding probes, look for patterns, and make inferences about the landforms in a 5' by 7' scale model of the region from 0° to 22° N and 35° to 65° W. Students discuss constructive and destructive forces and compare the worldwide distribution of earthquakes and volcanoes to plate boundaries. Standards: 6-ESS2-3, ESS2.B, ETS2.A

WEATHER AND CLIMATE Months offered: AUGUST, SEPTEMBER & OCTOBER

Students will participate in hands-on activities and data collection to get a better understanding of the interactions within Earth's systems that regulate weather and climate. Standards: 6-ESS2-4, 6-ESS2.C, 6-ESS2.D, 6-ESS2.6