

## Class Presentations

Program	Grade	Concepts	Standards
Phases of the Moon	2 and up	Phase identification Names of the phases Modeling the phases What causes the phases Geometry Application	SCIENCE: Students describe observable objects in the sky and their patterns of movement. (Moon Phase)
Seasons	4 and up	Daylight hours Direct vs. indirect Earth's tilt	SCIENCE: Students describe observable changes in earth and sky, including rapid and gradual changes to the earth's surface.
Rockets	4 and up	Forces and motion Thrust Aerodynamics Newton's Laws	SCIENCE: Students describe motion of an object by position, direction, and speed and identify the effects of force and inertia on an object.
Space Suit	3 and up	What is necessary for us to survive in space?	SCIENCE: Students describe observable characteristics of living things, including structures that serve specific functions and everyday behaviors through the study of the human body.
Space Math	6 and up	Measuring the circumference of the earth and other celestial objects.	MATH: Students communicate the reasoning used in identifying geometric relationships in problem-solving situations appropriate to grade level.
GEMS Science Trunks	K-8	A variety of math and science concepts	Various