

Virginia
Elementary School

Starry Night Lesson Plans
Grades K-2 Grades 3-4

Kindergarten

Interrelationships in Earth/Space Systems

K.7 The student will investigate and understand that shadows occur when light is blocked by an object. Key concepts include	3	2
a) shadows occur in nature when sunlight is blocked by an object; and	3	2
b) shadows can be produced by blocking artificial light sources.	3	2

Grade 1

Interrelationships in Earth/Space Systems

1.6 The student will investigate and understand the basic relationships between the sun and the Earth. Key concepts include	1, 3	2
a) the sun is the source of heat and light that warms the land, air, and water; and	1	2
b) night and day are caused by the rotation of the Earth.	1, 3	2

Grade 3

Earth Patterns, Cycles, and Change

3.8 The student will investigate and understand basic patterns and cycles occurring in nature. Key concepts include	1, 3, 4	2, 3
a) patterns of natural events (day and night, seasonal changes, phases of the moon, and tides); and	1, 3, 4	2, 3

Grade 4

Earth Patterns, Cycles, and Change

4.7 The student will investigate and understand the relationships among the Earth, moon, and sun. Key concepts include	1, 2, 3, 4	1, 2, 3
a) the motions of the Earth, moon, and sun (revolution and rotation);	1, 3, 4	1, 2
b) the causes for the Earth's seasons and phases of the moon;	3	2
c) the relative size, position, age, and makeup of the Earth, moon, and sun; and	2	1
d) historical contributions in understanding the Earth-moon-sun system.	1, 3, 4	1, 2, 3