

Maryland
Elementary School

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

Kindergarten

Earth/Space Topic D. Astronomy

1. Observe celestial objects that are visible in the day and night sky.	1, 2, 3, 4	1, 3
Identify and describe the sun, moon and stars.	1, 2, 3, 4	1, 3
Describe ways in which the daytime and nighttime skies are different.	1	3

Grade 1

2. Recognize that there is a relationship between the sun and the earth.	1, 3	1, 2
Identify ways that the sun affects the earth including that the sun warms the earth and provides light.	1, 3	1, 2

Grade 2

1. Observe and describe changes over time in the properties, location, and motion of celestial objects.	1, 2, 3, 4	1, 2, 3
Identify and record observable properties of the sun, moon, and stars.	1, 2, 3, 4	1, 2, 3
Identify and record the apparent visible changes in the shape of the moon over two months of observations.	4	
Observe and record changes in the location of the sun and moon in the sky over time.	1, 3, 4	2, 3
Describe and compare the patterns of change that occur in the sun and the moon.	1, 3, 4	2, 3

Grade 4

1. Identify and describe the variety of objects in the universe through first-hand observations using the unaided eye, binoculars or telescopes or videos and/or pictures from reliable sources.	1, 2, 3, 4	1, 2, 3
Observe and describe the stars and the planets as seen through a telescope, graphically in pictures or in video clips from reliable sources.	2, 4	1, 3
Identify the sun as the Earth's closest star.	2	1
Recognize that stars are like the sun, some are smaller and some larger.		1, 3
Recognize and describe that the stars are not all the same in apparent brightness.		3
Recognize that the pattern of stars in the sky stays the same although their locations in the sky appear to change with the seasons.	1, 3	2, 3