

Tennessee
Elementary School

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

Earth and Space Science

Kindergarten

Content Standard: 7.0 Earth and Its Place in the Universe

K.7.1 Recognize that different objects appear in the day and nighttime sky.	1, 2, 3, 4	1, 2, 3
Identify objects that appear in the day and nighttime sky.	1, 3	1, 3
K.7.2 Recognize that there are predictable patterns that occur in the universe.	1, 3, 4	1, 2, 3
Classify pictures as representative of day or night.	1	

Grade 1

Content Standard: 7.0 Earth and Its Place in the Universe

1.7.1 Recognize that different objects appear in the day and nighttime sky.	1, 2, 3, 4	1, 2, 3
Distinguish between objects that appear in the day and nighttime sky.	1, 2, 4	1, 3
Recognize that the moon is the closest object in the sky.	2, 4	1, 3
Recognize that there are tools for observing objects in the day and nighttime sky.	2	1, 3
1.7.2 Recognize that there are predictable patterns which occur in the universe.	1, 3, 4	1, 2, 3
Observe and illustrate the position of the sun at different times of the day.	3	2
Recognize that shadows change length and position during the course of a day	1, 3	2

Grade 2

Content Standard: 7.0 Earth and Its Place in the Universe

2.7.1 Recognize that different objects appear in the day and nighttime sky.	1, 2, 3, 4	1, 2, 3
Recognize there are innumerable stars in the nighttime sky that vary in brightness, color, and location.	1	3
Recognize that the sun is the brightest object in the sky and earth's closest star.	2	1
2.7.2 Recognize that there are predictable patterns which occur within the universe.	1, 3, 4	2, 3
Determine the approximate time of day, from the position of the sun in the sky.	3	2
Recognize that the phases of the moon occur in a predictable pattern.	4	

Tennessee
Elementary School (cont'd)

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

Earth and Space Science

Grade 3

Content Standard: 7.0 Earth and Its Place in the Universe

3.7.1 Recognize that different objects appear in the day and nighttime sky.	1, 2, 3, 4	1, 2, 3
Recognize that a telescope serves as a tool for observing distant objects.	2	1, 3
Recognize that planets are major features of the universe	2	1
3.7.2 Recognize that there are predictable patterns that occur in the universe.	1, 3, 4	2, 3
Explain how day and night result from the rotation of the earth relative to the sun.	1	2
Observe, identify, and order the basic phases of the moon.	4	

Grade 4

Content Standard: 7.0 Earth and Its Place in the Universe

4.7.1 Know that objects in space have identifiable characteristics (e.g., appearance, location, and apparent motion).	1, 2, 3, 4	1, 2, 3
Identify and order the planets in the solar system by their distance from the sun.	2	1
4.7.2 Investigate the patterns and movement of objects in space.	1, 2, 3, 4	1, 2, 3
Recognize that the length and position of a shadow is related to the position of the sun.	1, 3	2
Demonstrate how the earth rotates and revolves.	1, 3	2, 3
Simulate the changing shape of the moon.	4	