

Florida
Elementary School

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

Kindergarten

Standard 1: The student understands the interaction and organization in the Solar System and the universe and how this affects life on Earth.

Knows that the sky looks different during the day than it does at night.	1	3
Knows that the position of the Sun in the sky appears to change during the day.	1, 3	2

Standard 2: The student recognizes the vastness of the universe and the Earth's place in it.

Knows some of the objects seen in the night sky (for example, stars, Moon).	1, 2, 3, 4	3
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Grade 1

Standard 1: The student understands the interaction and organization in the Solar System and the universe and how this affects life on Earth.

Knows that the amount of light reflected by the Moon is a little different every day but the Moon appears the same again about every 28 days.	4	
Knows that night and day are caused by the rotation of the Earth.	1	2

Standard 2: The student recognizes the vastness of the universe and the Earth's place in it.

Knows and differentiates objects seen in the day and night sky (for example, clouds, Sun, stars, Moon, planets).	1, 2, 3, 4	3
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Grade 2

Standard 1: The student understands the interaction and organization in the Solar System and the universe and how this affects life on Earth.

Knows that the Moon moves around the Earth, the Earth moves around the Sun, and the Moon is visible when it reflects the light from the Sun.	1, 3, 4	2,3
Knows that each time the Earth completes one rotation, one day has passed and that this takes 24 hours.	1, 3	2

Standard 2: The student recognizes the vastness of the universe and the Earth's place in it.

Knows that stars and planets are always in the sky.	1,3	1,3
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Florida
Elementary School (cont'd)

	Starry Night Lesson Plans	
	Grades K-2	Grades 3-4
Grade 3		
Earth and Space		
Standard 1: The student understands the interaction and organization in the Solar System and the universe and how this affects life on Earth. (SC.E.1.2)		
Knows that days and nights change in length throughout the year.	1, 3	2
Knows the frequency of the lunar cycle is approximately 28 days.	4	
Knows the Sun is a star that is much nearer to the Earth than the other stars.	2	3
Knows characteristics of Mercury, Venus, Earth, and Mars.	2	1
Knows the relative positions of all the planets	2	1
Standard 2: The student recognizes the vastness of the universe and the Earth's place in it.		
Knows that, in addition to the Sun, there are many other stars that are far away.		3
Grade 4		
Earth and Space		
Standard 1: The student understands the interaction and organization in the Solar System and the universe and how this affects life on Earth. (SC.E.1.2)		
Knows that the tilt of the Earth causes the change of seasons, length of day, and the amount of energy available.	1	2
Understands the cause of the phases of the Moon (for example, the movement patterns of the Earth and Moon relative to the Sun).	3, 4	
Knows how the energy of the Sun can be captured as a source of heat and light on Earth (for example, plants, solar panels).		2
Knows characteristics of Jupiter, Saturn, Uranus, Neptune, and Pluto.	2	1
Standard 2: The student recognizes the vastness of the universe and the Earth's place in it.		
Understands that the Sun is a medium-sized star located near the edge of a galaxy containing billions of other stars, which in turn is one of innumerable galaxies in the Universe.	2	3