

**Oregon**  
Elementary School

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

**CCG: The Earth in Space**

Understand the Earth's place in the solar system and the universe.	1, 2, 3, 4	1, 2, 3
Explain relationships among the Earth, sun, moon, and the solar system.	1, 2, 3, 4	1, 2, 3

**Kindergarten**

Identify the sun, moon, stars, and Earth.	1, 2, 3, 4	1, 2, 3
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**Grade 1**

Identify the sun and moon during the day.	1, 3, 4	
Identify that the moon and stars are usually seen at night.	4	3

**Grade 2**

Identify that natural distant objects in the sky appear to move slowly across the sky.	1, 3	2, 3
Recognize that the moon looks a little different every day but looks the same again about every four weeks.	4	

**Grade 3**

Identify and trace the movement of objects in the sky.	2, 3	2, 3
Understand that the moon orbits around the Earth.	4	1
Recognize there are more stars in the sky than anyone can easily count.	1, 3	3
Know that stars are not scattered evenly and they are not always the same brightness and color.		3

**Grade 4**

Understand that the rotation of the Earth on its axis every 24 hours produces the night-and-day	1, 3	2
Know that like all planets and stars, the Earth and moon are approximately spherical in shape.	2	1
Know that this turning of the planet makes it seem as though the sun, moon, and stars are orbiting around the Earth once a day.	1, 3	3
Understand that telescopes magnify the appearance of some distant objects in the sky, including the moon and planets.	2, 4	1, 3
Observe that the patterns in the sky remain stable but appear to move across the sky because of the Earth's motion.	1, 3	3
Know that stars are like the sun, some being smaller and some larger, but so far away that they look like points of light.		3
Know that the number of stars that can be seen through telescopes is dramatically greater than can be seen by the unaided eye.		3