

Arkansas
Elementary School

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

Standard 10: Objects in the Universe

Students shall demonstrate and apply knowledge of objects in the universe using appropriate safety procedures, equipment, and technology.

1, 2, 3, 4

1, 2, 3

Kindergarten

ESS.10.K.1

Distinguish between celestial bodies and other objects in the sky:

1, 2, 3, 4

1, 3

sun

1, 2, 3

1

moon

4

1

other stars

1, 3

3

clouds

1

birds

1

planes

1

Grade 1

ESS.10.1.1

Illustrate the sequence of planets in the solar system

2

1

Grade 2

ESS.10.2.1

Illustrate four moon phases:

- full
- half
- crescent
- new

4

ESS.10.2.2

Model the movement of Earth and its moon

1, 3, 4

2, 3

ESS.10.2.3

Contrast the visibility of the sun and moon

1, 2, 3

1

Grade 3

ESS.10.3.1

Demonstrate how the planets orbit the sun

1, 2

ESS.10.3.2

Demonstrate the orbit of Earth and its moon around the sun

1, 3, 4

1, 2

ESS.10.3.3

Relate Earth's rotation to the day/night cycle

1, 3

2, 3