

Minnesota
Elementary School

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

Earth And Space Science

Kindergarten

The student will describe daily and seasonal changes in weather.

1, 3

2

Grade 1

The student will observe, record and describe characteristics in daily weather and seasonal cycles.

1, 3

2

The student will observe and describe the changes in the position of the sun and the moon.

1, 3, 4

2

Grade 3

The student will understand the characteristics and relationships of objects in the solar system:

1, 2, 3, 4

1, 2, 3

1. The student will recognize the difference between rotation and revolution and their connection to day, night, seasons and the year.

1, 3

2, 3

2. The student will identify the planets in the solar system and their relative sizes, distances and basic characteristics.

2, 4

1

3. The student will observe that the sun supplies heat and light to the Earth.

1

1, 2

4. The student will know that planets look like stars, but over time they move differently than stars.

1

1, 3

Grade 4

The student will identify the patterns and movements of celestial objects:

1, 2, 3, 4

1, 2, 3

1. The student will recognize that the stars in the sky appear to slowly move from east to west.

1, 3

2, 3

2. The student will identify the sun as an average-sized star and that the other stars are so far away that they look like points of light.

2

1

3. The student will know that telescopes magnify distant objects in the sky and dramatically increase the number of stars we can see.

2, 4

1, 3