

California
Elementary School

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

Grades K-4
Earth Sciences

Kindergarten

Students know changes in weather occur from day to day and across seasons, affecting Earth and its inhabitants.

1, 3

2

Grade 1

Students know that the weather changes from day to day but that trends in temperature or of rain (or snow) tend to be predictable during a season.

1, 3

2

Students know the sun warms the land, air, and water.

1, 2

2

Grade 3

Objects in the sky move in regular and predictable patterns. As a basis for understanding this concept:

1, 2, 3, 4

1, 2, 3

1. *Students know* the patterns of stars stay the same, although they appear to move across the sky nightly, and different stars can be seen in different seasons.

3

2, 3

2. *Students know* the way in which the Moon's appearance changes during the four-week lunar cycle.

4

3. *Students know* telescopes magnify the appearance of some distant objects in the sky, including the Moon and the planets. The number of stars that can be seen through telescopes is dramatically greater than the number that can be seen by the unaided eye.

2, 4

1, 3

4. *Students know* that Earth is one of several planets that orbit the Sun and that the Moon orbits Earth.

2, 4

1

5. *Students know* the position of the Sun in the sky changes during the course of the day and from season to season.

1, 3

2