

**Vermont**  
Elementary School

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

The universe, earth and all earth systems have undergone change in the past, continue to change in the present and are predicted to continue changing in the future.

1, 2, 3, 4

1, 2, 3

**Kindergarten**

**SPK-K:44 Students demonstrate their understanding of Characteristics of the Solar System:**

1, 2, 3, 4

1, 2, 3

a. The sun can be seen only at day time.

1, 3

2

b. The sun and moon are in the sky.

1, 2, 3, 4

2, 3

**Grades 1-2**

**S1-2:44 Students demonstrate their understanding of Characteristics of the Solar System:**

1, 2, 3, 4

1, 2, 3

a. The moon looks slightly different every day, but looks the same again about every four weeks.

4

b. The moon can be seen sometimes at night and sometimes during the day.

1, 2, 3, 4

3

**S1-2:45 Students demonstrate their understanding of Processes and Change over Time within Systems of the Universe**

1, 2, 3

3

a. There are more stars in the sky than anyone can easily count, but they are not scattered evenly; and they are not all the same in brightness or color.

1, 2, 3

3

**Grades 3-4**

**S3-4:44 Students demonstrate their understanding Characteristics of the Solar System:**

1, 2, 3, 4

1, 2, 3

a. The earth is one of several planets that orbit the sun, and the moon orbits the earth.

2, 3, 4

1, 3

b. Like all planets and stars, the earth is approximately spherical in shape. The rotation of the earth on its axis every 24 hours produces the night and day cycle.

1, 2, 3

1, 2, 3

**S3-4:45 Students demonstrate their understanding of Processes and Change over Time within Systems of the Universe:**

1, 2, 3

3

a. Stars are like the sun, but so far away that they look like points of light. Some are smaller; some are larger than the sun.

2

3

b. The patterns of the stars stay the same, although they appear to move across the sky.

1, 3

3