

**Michigan**  
Elementary School

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

<b>All students will compare and contrast our planet and sun to other planets and star systems.</b>	1, 2, 3, 4	1, 2
Compare and contrast characteristics of the sun, moon and earth.	1, 2, 3, 4	1, 2
<i>Key concepts:</i> Planet, star, sphere, space, solar system, larger/smaller, closer/farther, heat, light	1, 2, 3, 4	1, 2, 3
<i>Real-world contexts:</i> Observations of the Moon, Earth, and safe observations of the Sun.	1, 2, 3, 4	1, 2
<b>All students will describe and explain how objects in the solar system move.</b>	1, 3, 4	1, 2, 3
Describe the motion of the earth around the sun and the moon around the earth.	1, 3, 4	1, 2, 3
<i>Key concepts:</i> Spin, orbit, length of day, nighttime, month, year, observed movement of the Sun and stars across the sky, observed movement of the Moon from day to day, calendar.	1, 2, 3, 4	1, 2, 3
<i>Real-world contexts:</i> Outdoor observing of the Sun's and star's motions during the night and Moon's motions over several days.	1, 3, 4	1, 2, 3