

Michigan
Middle School

Starry Night Lesson Plans

In order of relevance

Solar System, Galaxy and Universe (ES) V.4

Middle School

Compare the Earth to other planets and moons in terms of supporting life.	A1-A5	B1-B2	C1-C4	F1-F3	I2
<i>Key concepts:</i> Surface conditions—gravity, atmospheres, temperature. Relative distances, relative sizes. Sun produces the light and heat for each planet.	B1-B2	C1-C4	F1-F3	I2	
Describe, compare, and explain the motions of solar system objects.	B1-B2	C1-C4	D1-D3		
<i>Key concepts:</i> Orbit, rotation (spin), axis, gravity, planets, moons, comets, asteroids, seasons. Tilt of the Earth on its axis, direct/indirect rays.	A1-A5	C1-C4	D1-D3		
Describe and explain common observations of the night skies.	E1-E4	A3	F2		
<i>Key concepts:</i> Perceived and actual movement of the moon and planets across the sky, moon phases, eclipses, stars and constellations, planets, Milky Way, comets, comet tails, meteors. Sun is light source for all solar system objects (except meteors; friction with atmosphere), emitted light, reflected light	A1-A5	B1-B2	C1-C4	D1-D3	E1-E4 F1-F3