

U.S. Curriculum Correlations by State

Michigan

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

Compare the Earth to other planets and moons in terms of supporting life.

Key Concepts: Surface conditions- gravity, atmospheres, temperatures. Relative distances, relative sizes. Sun produces the light and heat for each planet.

Describe, compare, and explain the motions of the Solar System objects.

Key Concepts: Orbit, rotation (spin), axis, gravity, planets, moons, comets, asteroids, seasons. Tilt of the Earth on its axis, direct/indirect rays.

Describe and explain common observations of the night skies.

Key Concepts: 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

Starry Night Lesson Plans

In order of relevance

C1 C2 C3
B1 B2 C1 C2 C3 F1 F2 F3

C2 D1 D2 D3
A1-A5 C1-C3 D1-D3

E1 E2 E3 A3 F2
A1-A5 B1-B2C1-C3D1-D3 E1-E3F1-F3