

Lesson Plans at a Glance

● Suitable to grade level ● Adaptable to grade level

High School: Grades 9–12	Lesson Number	Lesson Plan Title	Suitable for Grade:				
			8	9	10	11	12
Earth, Moon, and Sun							
	A1	Day and Night Cycle	●	●	●	●	●
	A2	The Year and Seasons	●	●	●	●	●
	A3	The Moon	●	●	●	●	●
	A4	Phases of the Moon	●	●	●	●	●
	A5	Eclipses	●	●	●	●	●
The Solar System							
	B1	Overview of the Solar System	●	●	●	●	●
	B2	Size and Scale of the Solar System	●	●	●	●	●
The Planets							
	C1	The Inner and Outer Planets of the Solar System	●	●	●	●	●
	C2	Motion of the Planets	●	●	●	●	●
	C3	The Moons of the Planets	●	●	●	●	●
Asteroids, Comets and Meteors							
	D1	Asteroids and the Main Belt	●	●	●	●	●
	D2	Comets and Meteors	●	●	●	●	●
	D3	Impact: Near Earth Objects	●	●	●	●	●
Star Finding and Constellations							
	E1	Finding Your Way Around the Sky	●	●	●	●	●
	E2	Constellations and Star Lore	●	●	●	●	●
	E3	Seasonal Constellations	●	●	●	●	●
The Sun as a Star							
	F1	The Sun as a Source of Energy	●	●	●	●	●
	F2	Solar Weather	●	●	●	●	●
	F3	The Formation of the Sun and Solar System	●	●	●	●	●
The Stars							
	G1	The Solar Neighborhood	●	●	●	●	●
	G2	The Stars	●	●	●	●	●
Galaxies and the Universe							
	H1	The Milky Way Galaxy	●	●	●	●	●
	H2	The Universe	●	●	●	●	●
	H3	The Origin and Evolution of the Universe	●	●	●	●	●
Space Exploration and Technology							
	I1	Tools of the Astronomer	●	●	●	●	●
	I2	Artificial Satellites and the Space Environment	●	●	●	●	●

