



# EXPERIENCE ASTRONOMY

## Weekly Reading and Assignment Overview

Lesson	Textbook Reading	Field Guide and PLUS Assignments	Observation Time
Lesson 1: Introduction	1-8	Get a flashlight	
Lesson 2: The Movement of the Sun	9-27	Build a compass, p. 4	
Lesson 3: The Summer Constellations	126-128	Summer Constellations, p. 5	10 pm
PLUS 1: Morning Horizons		Building Stonehenge (Part 1)	
Lesson 4: The Magnitude of Stars	29-32, 119-120	Limiting Magnitude, p. 6	After 10 pm
Lesson 5: The Northern Constellations	36-53	Stars Around Polaris, p. 7	10 pm & midnight
PLUS 2: Evening Horizons		Building Stonehenge (Part 2)	
Lesson 6: The Planet Saturn	145-150	Finding the Planets, p. 8	1 hr after sunset
Lesson 7: The Seasonal Skies (Part 1)	None	Sky at a Glance, p. 9	After dark
PLUS 3: The Shadows of Time		Create a Working Sundial	
Lesson 8: The Seasonal Skies (Part 2)	None	Summer Constellations, p. 10-11	10 pm

Lesson 9: The Fall Constellations	129-131	Fall Constellations, p. 12	10 pm
Lesson 10: The Zodiac (Part 1)	71-79	Stars Around Polaris, p. 13	10 pm & midnight
PLUS 4: The Harmony of the Spheres		Literature of the Heavenly Spheres	
Lesson 11: The Zodiac (Part 2)	80-92	Draw the Zodiac, p. 14	10 pm
Lesson 12: The Planet Jupiter	145-150	Finding the Planets (review), p. 15	1 hr after sunset
Lesson 13: Orion	33-35; 51-53	Finding Orion, p. 16	11 pm
PLUS 5: We are Indeed His Offspring		Paul and the Poets in Athens	
Lesson 14: The Heliocentric Model	None	Fall Constellations, p. 17-18	9 pm
Lesson 15: Review for the Midterm Exam	93-117	Stars Around Polaris, p. 19	9 pm & 11 pm
Lesson 16: The Winter Constellations	121-123	Winter Constellations, p. 20	11 pm
PLUS 6: The Center of the Universe		Is the Bible Geocentric?	
Lesson 17: Deeper into Space (Part 1)	None	Finding Orion, p. 21	9 pm
Lesson 18: Deeper into Space (Part 2)	None	Stars around Polaris, p. 22	9 pm & 11 pm
Lesson 19: The Planet Marks	153-160	Finding the Planets, p. 23	1 hr after sunset
PLUS 7: Alien Worlds		Exploring the Exoplanets	

Lesson 20: Dwarf Planet and Asteroids	74-76	Sky at a Glance, p. 24	After dark
Lesson 21: Rising Stars	132	Winter Constellations, p. 25-26	11 pm
PLUS 8: Probing the Darkness		Space Probe Spotlight	
Lesson 22: The Southern Constellations	45-46	Finding Orion, p. 27-28	11 pm
Lesson 23: Axial Precession	None	Stars Around Planets, p. 29-30	9 pm & 11 pm
Lesson 24: The Phases of the Moon	55-70	Moon Phases, p. 31-40	Depends on phase
PLUS 9: Sailors of the Universe		The Biography of a Moonwalker	
Lesson 25: Exploration of the Moon	160-166	Moon Phases continued, p. 31-40	Depends on phase
Lesson 26: The Biblical Calendar	174-177	Moon Phases continued, p. 31-40	Depends on phase
Lesson 27: The Modern Calendar	167-174, 178-184	Moon Phases continued, p. 31-40	Depends on phase
PLUS 10: Signs & Seasons		Create a Biblical Calendar	
Lesson 28: The Spring Constellations	123-126	Spring Constellations, p. 41	11 pm
Lesson 29: The Planets Venus and Mercury	150-152	Finding the Planets, p. 42	1 hr after sunset
Lesson 30: Comets and Meteor Showers	None	Meteor Shower April 16-25, p. 43	2 days; 90 min. before sunrise
PLUS 11: Wandering Stars		Planet Travel Poster	

Lesson 31: Lunar Eclipses	93-96	Sky at a Glance, p. 44	After dark
Lesson 32: Solar Eclipses	None	Spring Constellations, p. 45-46	11 pm
PLUS 12: The Heavens Declare the Glory of God		Images from Hubble	
Lesson 33: The Zodiac (Part 3)	80-92	Draw the Zodiac, p. 47	1 am
Lesson 34: Review for the Final Exam (Part 1)	150-152	Finding the Planets, p. 48	1 hr after sunset
Lesson 35: Review for the Final Exam (Part 2)	133-144	None	