# ASTRONOMY: GOD'S UNIVERSE SCOPE AND SEQUENCE, LEVEL A

#### WEEK 1 INTRODUCTION

- What is Astronomy?
- History of Astronomy

#### WEEK 2 INTRODUCTION AND MEASUREMENTS

- History of Astronomy
- Astronomical Measurements
- Parallax Explained

# WEEK 3 THE SOLAR SYSTEM

• Introduction and Planets

### WEEK 4 THE SOLAR SYSTEM

- The History of Planet Discovery
- Introduction to Naturalism and Creation

#### WEEK 5 THE SOLAR SYSTEM

- Mercury
- Venus

### WEEK 6 THE SOLAR SYSTEM

- Earth, Mars, and the Asteroid Belt
- Jupiter

#### WEEK 7 THE SOLAR SYSTEM

- Saturn
- Uranus

### WEEK 8 THE SOLAR SYSTEM

- Neptune
- The Moon

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#### Overview and Structure

# WEEK 14 CONSTELLATIONS AND BELIEFS

- Constellations: The Big and Little Dipper, Orion, and Canis Major
- Foundation of Beliefs

#### WEEK 10 THE SUN

 Sunspots and Coronal Mass Ejections

#### WEEK 11 THE STARS

 Introduction, Distances, Colors & Temperatures, Numbers

### WEEK 12 NEBULAE AND GALAXIES

- Nebulae
- Galaxies and the Milky Way

#### WEEK 15 BELIEFS

- Naturalism is Illogical
- Creation is Logical

#### WEEK 16 BELIEFS

 Belief in God: Matter and Purpose

#### WEEK 17 BELIEFS

Belief in the Bible: Prophecy,
 Miracles and Archaeology

# WEEK 13 GALAXIES AND CONSTELLATIONS

- Galaxy Clusters and Size of the Universe
- Constellations: Using a Star Map

# WEEK 18 CONFIRMED BY SCRIPTURE

• Genesis 1:14-16

#### WEEK 19 CONFIRMED BY SCRIPTURE

- Genesis 15:5
- Isaiah 40:22

### WEEK 24 FORMATION OF THE SOLAR SYSTEM

• Formation of the Solar System

### WEEK 20 CONFIRMED BY SCRIPTURE

- Job 26:7, 10
- Genesis 2:2 and John 1:3

# WEEK 25 SUPERNATURAL ORIGINS

- Genesis 1:1
- Genesis 1:14-16 & Isaiah 45:12

#### WEEK 21 PROBLEMS FOR NATURALISM

Introduction

### WEEK 26 EVIDENCE FOR A YOUNG UNIVERSE

- Comets
- Asteroids

#### WEEK 22 PROBLEMS FOR NATURALISM

- Big Bang and Evolution
- Antimatter and Dark Matter

# WEEK 27 SUPERNATURAL ORIGINS

- Jeremiah 32:17, 33:25
- Hebrews 1:3, 11:3

#### WEEK 23 PROBLEMS FOR NATURALISM

- Dark Energy
- Solar Systems & Star Formation

#### WEEK 28 SUPERNATURAL ORIGINS

• Romans 1:19, 20

#### WEEK 29 THE UNIVERSE IS DESIGNED

- Genesis 1, Isaiah 45:18: Gravity in Space and on Earth
- Galaxy Shape and Position

### WEEK 33 CREATION OF THE UNIVERSE

• The Order of Creation: Exodus 20:8, 11

#### WEEK 30 THE UNIVERSE IS DESIGNED

- Distance from the Sun, Tilt of the Earth, Size of the Moon
- The Moon: How Did it Get There?

### WEEK 34 CREATION OF THE UNIVERSE

- Biblical Age of the Universe
- Distant Starlight and the Horizon Problem

#### WEEK 31 THE UNIVERSE IS DESIGNED

 The Moon: Failure of the Giant Impact Theory and Lunar Recession

### WEEK 35 CREATION OF THE UNIVERSE

• Evidence for a Young Universe

### WEEK 32 THE UNIVERSE IS DESIGNED

- Oxygen Level, CO<sub>2</sub> Level, Interaction with the Moon
- Chances of Life Elsewhere, Failed SETI, Biosphere

### WEEK 36 CREATION OF THE UNIVERSE

Review