

SCOPE AND SEQUENCE

Item	Complete	Score
FOR TEACHERS/PARENTS		
<i>Watch</i> How to Teach This Class (http://bit.ly/teachdevobio) (Duration: 13:11)		
<i>Read</i> A Note To Teachers (in Textbook)		
WEEK 1		
<i>Watch</i> 0.2 About Kurt Wise (4:29)		
PREFACE/INTRODUCTION		
<i>Watch</i> 0.1 Introduction: Contrasting Two Worldviews (28:49)		
<i>Read</i> Introduction (in Textbook)		
<i>Answer</i> Introduction Test Questions		
CHAPTER 1: Biology for the Believer		
<i>Watch</i> 1.1 God Desires to Be Known (25:15)		
<i>Read</i> Chapter 1: Creation and Revelation		
<i>Read</i> Lab Manual: Introduction to Labs...[through]...General Lab Safety & Procedures		
WEEK 2		
<i>Watch</i> 1.2 Christian Foundation of Science and Biology (28:06)		
<i>Read</i> Chapter 1: The Origin of Modern Science		
<i>Watch</i> 1.3 Christian Foundation of Science and Biology (28:06)		
<i>Read</i> Chapter 1: What is Science?...What is Biology?		
<i>Watch</i> 1.4 Why Study Biology? (25:05)		
<i>Read</i> Chapter 1: Why Study Biology?...Biology and Our Priesthood		
<i>Perform</i> Lab Exercise 1: Tuning Into Creation (3-4 hours)		

WEEK 3		
<i>Watch</i> 1.5 Our Kingly and Priestly Responsibilities (24:03)		
<i>Read</i> Chapter 1: Biology and Our Kingship		
<i>Watch</i> 1.6 Our Image and Ministry Responsibilities (17:36)		
<i>Read</i> Chapter 1: Biology and Our Image....Biology and Our Service to Others		
<i>Answer</i> Chapter 1 Test Questions		
WEEK 4		
CHAPTER 2: The Living God		
<i>Watch</i> 2.1 Divine Through Animal Life (18:00)		
<i>Read</i> Chapter 2: The Living God...Different Types of Life		
<i>Watch</i> 2.2 Are Plants Alive? (17:08)		
<i>Read</i> Chapter 2: Biblical Life		
<i>Watch</i> 2.3 The Spectrum of Perfection of Life (13:23)		
<i>Read</i> Chapter 2: The Spectrum of Perfection of Life		
<i>Watch</i> 2.4 The Nature of Life (15:01)		
<i>Read</i> Chapter 2: The Nature of Life		
WEEK 5		
<i>Perform</i> Lab Exercise 2: The Nature of Life (2-3 hrs)		
<i>Watch</i> 2.5 Origin of Life (28:00)		
<i>Read</i> Chapter 2: The Origin of Life		
<i>Watch</i> 2.6 Our Responsibility (26:29)		
<i>Read</i> Chapter 2: Life: Our Responsibility		
<i>Answer</i> Chapter 2 Test Questions		
WEEK 6		
CHAPTER 3: The Glory of God		

<i>Watch</i> 3.1 Beauty of God (17:27)		
<i>Read</i> Chapter 3: The Beauty of God		
<i>Watch</i> 3.2 Biology Beauty (32:29)		
<i>Read</i> Biological Beauty...Beauty: Our Responsibility		
<i>Perform</i> Lab Exercise 3: Biological Beauty (varies)		
<i>Answer</i> Chapter 3 Test Questions		
WEEK 7		
<i>Review</i> Chapters 1-3, including re-watching any videos on difficult topics		
WEEK 8		
CHAPTER 4: God is Distinct		
<i>Watch</i> 4.1 Biblical Kind (12:00)		
<i>Read</i> Chapter 4: The Uniqueness of God...The Biblical Kind		
<i>Watch</i> 4.2 Baraminology (22:18)		
<i>Read</i> Chapter 4: Baraminology		
<i>Watch</i> 4.3 The Spectrum of Discontinuity (17:03)		
<i>Read</i> Chapter 4: Biological Discontinuity		
WEEK 9		
<i>Watch</i> 4.4 Origin of Discontinuity (28:08)		
<i>Read</i> Chapter 4: The Origin of Discontinuity...Discontinuity: Our Responsibility		
<i>Answer</i> Chapter 4 Test Questions		
CHAPTER 5: God is Good		
<i>Watch</i> 5.1 Mutualism (28:41)		
<i>Read</i> Chapter 5: God is Good...The Origin of Mutualism		
<i>Watch</i> 5.2 Curse (20:56)		
<i>Read</i> Chapter 5: Biological Evil, The Origin of Biological Evil		

WEEK 10		
<i>Watch</i> 5.3 Biological Evil (36:37)		
<i>Read</i> Chapter 5: Negative Effects of the Curse...Evil-Minimizing Effects of the Curse		
<i>Watch</i> 5.4 Youth of Responsibility to Biological Good (25:36)		
<i>Read</i> Chapter 5: Goodness of the Creation...Mutualistic Symbiosis: Our Responsibility		
<i>Perform</i> Lab Exercise 4: Biological Relationships (3-4 hours)		
<i>Answer</i> Chapter 5 Test Questions		
WEEK 11		
CHAPTER 6: God is Person		
<i>Watch</i> 6.1 God is Person, Biological Uniqueness & Activity (32:00)		
<i>Read</i> Chapter 6: God is a Person...Biological Activity		
<i>Watch</i> 6.2 Biological Activity II (32:00)		
<i>Read</i> Chapter 6: Biological Activity Continued		
<i>Watch</i> 6.3 Instinctive & Learned Behavior (35:00)		
<i>Read</i> Chapter 6: Biological Intelligence		
WEEK 12		
<i>Watch</i> 6.4 Animal Intelligence (26:00)		
<i>Read</i> Chapter 6: Biological Intelligence Continued		
<i>Watch</i> 6.5 Animal Will (27:00)		
<i>Read</i> Chapter 6: Organismal Will		
<i>Watch</i> 6.6 Animal Personality (35:00)		
<i>Read</i> Chapter 6: Biological Emotions...Biological Relationship		
WEEK 13		

<i>Watch</i> 6.7 The Origin of & Responsibility to Personhood (23:00)		
<i>Read</i> Chapter 6: The Origin of Personality...Animal Behavior: Our Responsibility		
<i>Answer</i> Chapter 6 Test Questions		
<i>Perform</i> Lab Exercise 5: Surface Area/Volume Relationships (3-4 hours)		
WEEK 14		
<i>Review</i> Chapters 4-6, including re-watching any videos on difficult topics		
WEEK 15		
<i>Perform</i> Lab Exercise 6: Diffusion & Osmosis (4-6 hours)		
CHAPTER 7: God is Love		
<i>Watch</i> 7.1 The Anthropic Principle & the Earth (25:00)		
<i>Read</i> Chapter 7: God is Love...Necessary Large-Scale AP Characteristics		
<i>Watch</i> 7.2 The Anthropic Principle & the Solar System (25:31)		
<i>Read</i> Chapter 7: Solar System Structure		
WEEK 16		
<i>Watch</i> 7.3 The Anthropic Principle & Atoms (17:03)		
<i>Read</i> Chapter 7: Necessary Small-Scale AP Characteristics		
<i>Watch</i> 7.4 The Anthropic Principle & Molecules (37:25)		
<i>Read</i> Chapter 7: Compounds		
WEEK 17		
<i>Watch</i> 7.5 The AP: Origins and Responsibilities (24:00)		
<i>Read</i> Chapter 7: Unnecessary AP Characteristics...Bioprovision: Our Responsibility		
<i>Answer</i> Chapter 7 Test Questions		

WEEK 18		
CHAPTER 8: The Sustaining God		
<i>Watch</i> 8.1 The Biomatrix (24:00)		
<i>Read</i> Chapter 8: God is Sustainer...Protection		
<i>Watch</i> 8.2 Biogeochemical Cycles (20:00)		
<i>Read</i> Chapter 8: Biogeochemical Cycles...Our Responsibility to God		
<i>Perform</i> Lab Exercise 7: Biogeochemical Cycles (6-10 hours)		
WEEK 19		
<i>Watch</i> 8.3 Kingly Responsibilities		
<i>Read</i> Chapter 8: Our Responsibility to the Creation		
<i>Answer</i> Chapter 8 Test Questions		
CHAPTER 9: God is One		
<i>Watch</i> 9.1 Common Monomers (29:35)		
<i>Read</i> Chapter 9: One God...Common Monomers		
<i>Watch</i> 9.2 Similarities and Systems (22:00)		
<i>Read</i> Chapter 9: Similar Structures...The Origin of Biological Unity		
WEEK 20		
<i>Watch</i> 9.1 Responsibility to Biological Substances (17:00)		
<i>Read</i> Chapter 9: Biological Unity...Our Responsibility to the Creation		
<i>Answer</i> Chapter 9 Test Questions		
<i>Perform</i> Lab Exercise 8: The Microscope (6+ hours)—This lab exercise can be completed over multiple days		
WEEK 21		
<i>Review</i> Chapters 7-9, including re-watching any videos on difficult topics		
WEEK 22		

CHAPTER 10: God is Three		
<i>Watch</i> 10.1 Climatic Variety (32:00)		
<i>Read</i> Chapter 10: Three Persons of the Godhead...Diversity of Biological Communities		
<i>Watch</i> 10.2 Land Biome Variety (14:00)		
<i>Read</i> Chapter 10: Land Biome Variety		
<i>Watch</i> 10.3 Water Biome Variety (15:32)		
<i>Read</i> Chapter 10: Water Biome Variety		
WEEK 23		
<i>Watch</i> 10.4 Biodiversity (20:00)		
<i>Read</i> Chapter 10: Biodiversity...The Origin of Disparity		
<i>Watch</i> 10.5 Responsibility to Biodiversity (16:00)		
<i>Read</i> Chapter 10: Diversity: Our Responsibility		
<i>Answer</i> Chapter 10 Test Questions		
WEEK 24		
CHAPTER 11: God of Hierarchy		
<i>Watch</i> 11.1 Unified Hierarchy (11:00)		
<i>Read</i> Chapter 11: Divine Hierarchy		
<i>Watch</i> 11.2 Cell Theory (26:47)		
<i>Read</i> Chapter 11: Hierarchy of Biological Organization, The Unit of Biological Life		
<i>Watch</i> 11.3 Universal Cell Parts (26:43)		
<i>Read</i> Chapter 11: Traits of All Cells...Traits of All Eukaryotic Cells		
WEEK 25		
<i>Perform</i> Lab Exercise 9: The Cell (4+ hours)		
<i>Watch</i> 11.4 Higher Organization (15:24)		

<i>Read</i> Chapter 11: Specialized Cell Traits...Why the Hierarchy of Biological Organization Exists		
<i>Watch</i> 11.5 Nested Hierarchy (28:00)		
<i>Read</i> Chapter 11: Netted Hierarchy of Biological Similarity...Biological Hierarchy: Our Responsibility		
<i>Answer</i> Chapter 11 Test Questions		
WEEK 26		
<i>Review</i> Chapters 10-11, including re-watching any videos on difficult topics		
WEEK 27		
<i>Perform</i> Lab Exercise 10: Dichotomous Keys (5+ hours, includes visit to local plant nursery)		
CHAPTER 12: The Almighty God		
<i>Watch</i> 12.1 Types of Metabolism (10:00)		
<i>Read</i> Chapter 12: Almighty God...Cellular Energy Metabolism: Biology's Power Source		
<i>Watch</i> 12.2 Photosynthesis I (35:00)		
<i>Read</i> Chapter 12: Photosynthesis		
WEEK 28		
<i>Watch</i> 12.3 Photosynthesis II (25:27)		
<i>Read</i> Chapter 12: Light Independent Reactions...Cellular Metabolism: Our Responsibility		
<i>Answer</i> Chapter 12 Test Questions		
<i>Perform</i> Lab Exercise 11: Photosynthesis and Plant Design (8+ hours)—This lab exercise can be completed over multiple days		
WEEK 29		
CHAPTER 13: God the Word		
<i>Watch</i> 13.1 Animal Communication (15:35)		
<i>Read</i> Chapter 13: The Communicating God...Animal Communication		
<i>Watch</i> 13.2 Myth of DNA & DNA Copying (23:00)		

<i>Read</i> Chapter 13: The Language of Life		
<i>Perform</i> Lab Exercise 12: DNA Structure and Protein Translation (6-8 hours)—This lab exercise can be completed over multiple days		
WEEK 30		
<i>Watch</i> 13.3 DNA as the Language of Life (32:00)		
<i>Read</i> Chapter 13: DNA as the Language of Life...Biological Communication: Our Responsibility		
<i>Answer</i> Chapter 13 Test Questions		
<i>Review</i> Chapters 12-13, including re-watching any videos on difficult topics		
WEEK 31		
CHAPTER 14: Fullness of God		
<i>Watch</i> 14.1 Mitosis (25:00)		
<i>Read</i> Chapter 14: Fullness of God...Cellular Reproduction		
<i>Watch</i> 14.2 Meiosis and Non-Physical Reproduction (25:00)		
<i>Read</i> Chapter 14: Meiosis...Non-Physical Reproduction		
<i>Watch</i> 14.3 Diversification (27:00)		
<i>Read</i> Chapter 14: "Multiply" and "Breed"		
WEEK 32		
<i>Perform</i> Lab Exercise 13: Mitosis and Meiosis (6-8 hours)—This lab exercise can be completed over multiple days		
<i>Watch</i> 14.4 Biogeography & Responsibility (27:00)		
<i>Read</i> Chapter 14: "Fill"...Biological Reproduction: Our Responsibility		
<i>Answer</i> Chapter 14 Test Questions		
WEEK 33		
CHAPTER 15: History of Life		
<i>Watch</i> 15.1 Biblical Chronology (26:00)		

<i>Read</i> Chapter 15: His Story...Biblical Time		
<i>Watch</i> 15.2 The Creation Week (17:00)		
<i>Read</i> Chapter 15: Creation Week...Edenian Epoch		
<i>Watch</i> 15.3 The Edenian and Antediluvian Worlds (21:00)		
<i>Read</i> Chapter 15: Antediluvian Epoch		
WEEK 34		
<i>Watch</i> 15.4 The Flood & Arphaxadian Epoch (26:22)		
<i>Read</i> Chapter 15: Arphaxadian Epoch		
<i>Answer</i> Chapter 15 Test Questions		
<i>Review</i> Chapters 14-15, including re-watching any videos on difficult topics		
WEEK 35		
<i>Read</i> Appendix: Introduction...Abiogenesis		
<i>Read</i> Appendix: Biological Evolution		
<i>Read</i> Appendix: Perspectives on Biological Evolution		
<i>Answer</i> Appendix Test Questions		
CONGRATULATIONS! You're finished!		