Thinkwell's Homeschool Biology Course Lesson Plan: 37 weeks

Welcome to Thinkwell's Homeschool Biology! We're thrilled that you've decided to make us part of your homeschool curriculum. This lesson plan is meant to be a guide for you and your homeschool student. Each day, you'll tackle a different topic and all the materials associated with that topic, such as video lectures, exercises, and interactivities. If you follow our day-by-day schedule, you'll complete the full curriculum for the course in 37 weeks. Feel free to modify and amend the plan as it best works for you. And, as always, please let us know what we can do to help get you up and running with Thinkwell's Biology!

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☐ 11.1.1 Classifying the Products of Evolution: Taxonomy	
☐ 11.1.2 Building a Cladogram	
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☐ 11.1.3 Molecular Methods for Classifying Organisms	
☐ 11.1.4 A Phylogenetic Tree of Organisms: A Three-Domain	
System	
☐ 11.2.1 The Archaea	
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☐ 11.3.1 The Bacteria	
☐ 11.4.1 Protists: Archaezoa and Euglenozoa	
☐ 11.4.2 Protists: Alveolata and Stramenopila	
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☐ 11.5.1 Plant Phylogeny: The Colonization of Land	
☐ 11.5.2 Plant Phylogeny and Alternation of Generations	
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☐ 11.6.1 Alternation of Generations: Mosses	
☐ 11.6.2 Alternation of Generations: Ferns	
☐ 11.6.3 Alternation of Generations: Gymnosperms	
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☐ 11.7.1 Alternation of Generations: The Structure of a Flower	
☐ 11.7.2 Alternation of Generations: Angiosperms	
☐ 11.7.3 Embryogenesis in Angiosperms: Dicots and Monocots	
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☐ 11.8.1 Introduction to the Fungi	
☐ 11.8.2 Diversity of Fungi	
Week 26, Day 5	
☐ 11.9.1 Constructing a Phylogenetic Tree of Animals: Animal	
Development	
☐ 11.9.2 Developmental Data for the Phylogenetic Tree of Animals	
☐ 11.9.3 The Formation of Body Cavities	

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☐ 11.9.4 Protostomes and Deuterostomes	
☐ 11.9.5 Animal Diversity: The Cambrian Explosion and the Move	
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☐ 11.10.1 Introduction to Animals: Parazoa and Radiata	
☐ 11.10.2 Animals: Acoelomates, Pseudocoelomates, and	
Coelomates	
☐ 11.10.3 Diversity of Protostome Species	
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☐ 11.11.1 Diversity of Deuterostome Species	
☐ 11.11.2 Diversity of Vertebrate Species	
Week 27, Day 4	
☐ 11.12.1 Animal Development: A Close-up Look at Fertilization	
Events	
☐ 11.12.2 Cleavage, Gastrulation, and Organogenesis: A Closer	
Look	
☐ 11.12.3 Events of Gastrulation and Organogenesis	
Week 27, Day 5	
☐ 11.13.1 Pattern Formation in <i>Drosophila</i>	
☐ 11.13.2 Pattern Formation in <i>Drosophila</i> , continued	
☐ 11.14.1 Viruses and Prions: Living or Nonliving?	
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Chapter 12: Animal Systems and Homeostasis	
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☐ Chapter 11 Practice Test	
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☐ Chapter 11 Test	Test Score:
Week 28, Day 3	
☐ 12.1.1 Animal Homeostasis	
☐ 12.1.2 Mechanisms of Homeostasis	
☐ 12.1.3 Animal Tissues: Epithelial Tissue	
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☐ 12.1.4 Animal Tissues: Loose Connective Tissue	
☐ 12.1.5 Animal Tissues: Dense, Fluid, and Supportive Connective Tissue	
☐ 12.1.6 Animal Tissue: Muscle and Nerve Tissue	
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☐ 12.2.1 The Structure of Bone	
☐ 12.2.2 The Axial Skeleton	

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☐ 14.9.1 Ecosystems: A Flow of Energy	

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☐ 14.9.2 Ecosystems: Productivity and Energy Flow	
☐ 14.9.3 Productivity Pyramids: Visualizing Energy Flows	
Week 36, Day 4	
☐ 14.9.4 Productivity Pyramids: Pyramid of Numbers	
☐ 14.10.1 Ecosystems and Material Cycles: Water, Carbon, and	
Sulfur	
☐ 14.10.2 Ecosystems and Material Cycles: Nitrogen and	
Phosphorus Cycles	
Week 36, Day 5	
☐ 14.11.1 The Effects of Human Population Growth: Lake	
Eutrophication	
☐ 14.11.2 Toxic Accumulation and Ozone Depletion	
Week 37	
Chapter 14 Test	
Final Exam	
Assignments	Notes
Week 36, Day 1	
☐ Chapter 14 Practice Test	
Week 36, Day 2	Chapter 14
☐ Chapter 14 Test	Test Score:
Week 36, Day 3	
☐ Study for Final Exam	
E Study for Final Exam	
Week 36, Day 4	
☐ Study for Final Exam	
Week 36, Day 5	Final Exam
☐ Final Exam	Score: