

Exploring Creation with Biology

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Welcome to Apologia's Biology! We will spend this year learning about the delicate balance that makes life possible on this planet. I am excited to explore God's design with you!

Course Description and Student Responsibilities: Students will have readings assigned and pages in the student notebook that will need to be completed before class each week. They are expected to take notes during the reading to serve as reference during the discussions and to bring their student notebooks each week. We will spend class time reviewing the material, answering questions, and performing experiments to further our understanding. **Students must come to class prepared to fully participate in both discussions and experiments with a willing attitude.**

Due to time constraints, we will not be covering a couple of the Modules in class, but students are strongly encouraged to complete them on their own during the summer or Christmas break. I will also offer a Saturday when we can meet to go over those Modules in person for those families who would like to cover the material in that manner.

Students are always welcome to email or call me with questions or for further help with any concept.

Course Curriculum:

1. **REQUIRED:** Apologia's Exploring Creation with Biology, **third edition**
2. **STRONGLY RECOMMENDED:** Apologia's Student Notebook, **third edition**. If you do not purchase the Student Notebook, you will need a spiral notebook for taking notes, doing activities, and recording experiments.
3. **INDIVIDUAL PREFERENCE:** Apologia's Biology Test Book and Answer Key, **third edition**. I will not administer or grade tests for this class. All testing is the responsibility of the parent.

Due to time constraints, we will not be able to cover Modules 3, 6, and 8 in class. I will hold a session at my house on Saturday, August 28, 9:00-11:30am to go over Modules 3 and 8. This is optional. I will hold a session at my house over Christmas break to cover Module 6. Experiments marked with an * are weekend field trips and are optional.

First Trimester - The readings and corresponding student notebook pages should be done prior to class. Experiments will be done in class.

Week 1: Introduction, Microscope Handling, Lab Report Protocol

Week 2: Module 1 pgs 1-23

Week 3: Module 1 pgs 24-33, Exp 1.1

Week 4: Module 2 pgs 37-55, Exp 2.1

Week 5: Module 2 pgs 56-79

Week 6: Module 4 pgs 137-157, Exp 4.1

Week 7: Module 4 pgs 157-172

Week 8: Module 5 pgs 179-193, Exp 5.1

Week 9: Module 5 pgs 193-207

Second Trimester

Week 1: Module 7 pgs 253-273

Week 2: Module 7 pgs 273-299

Week 3: Module 9 pgs 348-380

Week 4: Module 9 pgs 380-385, Vaccine Discussion

Week 5: Module 11 pgs 439-454, Exp 11.1

Week 6: Module 11 pgs 454-473, Exp 11.2

Week 7: Module 12 pgs 478-496, Exp 12.1

Week 8: Module 12 pgs 496-512, Exp 12.2

Week 9: Module 13 pgs 517-537, Exp 13.1

Third Trimester

Week 1: Module 13/14 pgs 539-545, 550-561, Exp 13.4

Week 2: Module 14 pgs 656-582

Week 3: Module 15 pgs 587-608

Week 4: Module 15 pgs 612-625, *Optional Field Trip - *Field Study at St Patrick's park(?)

Week 5: Module 16 pgs 631-644, *Exp 16.1 - *Bird Identification Field Trip - location TBD

Week 6: Module 16 pgs 644-659

Week 7: Module 10 pgs 391-415, *Exp 10.1 - *Pond Life Field Trip - Pinhook Park

Week 8: Module 10 pgs 416-434, Exp 10.3

Week 9: Review with Food!