

Biology

Course Syllabus

Instructor: Alli Leatherman, alli.leatherman@gmail.com

Required Text: *Exploring Creation with Biology*, Wile & Durnell, Apologia Press, 2nd edition

Prerequisites: None

Course Times: Class will meet Thursdays, 3:00-4:00 pm. Students should expect to spend 0.75 -1.5 hrs each week day to complete course work.

Course Dates: August 8-April 30 (Possible make-up day May 7)

Fees: Monthly tuition \$40 (or \$160 per semester or \$320 for full year); one-time supply fee \$50. Fees will be paid directly to instructor via check or PayPal at the email address given above.

Course Description: This course introduces students to both micro- and macrobiology. Microbiology topics include cell theory and structure, biochemistry, as well as basic genetics and immunology. Macrobiology topics will include Linnaean classification and an overview of each of the five kingdoms of life. Students will use inquiry-based experiments such as dissections as well written models explore concepts.

Canvas: Much of the communication for class, including weekly assignments and quizzes, will take place using Canvas, an online learning management system. Students should provide the instructor with a personal email address. An invitation will be sent to that email for students to join the course. Parents are welcome to submit an email as well to be added in an observer role. Please note that students will need reliable internet access on a regular basis.

Grading: Students will have a cumulative quiz each week. Students will also turn in formal lab reports for experiments. One semester exam will be given in the fall and spring. Grades will be determined as follows:

Weekly Quizzes-- 50%

Lab Reports-- 30%

Semester Exam-- 10%

Participation in Class/Completing Practice Problems-- 10%

A grade will be given in the fall and spring semester. The fall grade and spring grade will then be averaged to determine a final course grade.

Grading scale:

90-100: A

80-89: B

70-79: C

60-69: D

Below 60: F