

**Biology** with Ashley Sigrest  
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601-421-3428 (text)

**Description:** This course introduces topics such as the scientific method, microbiology, biochemistry, photosynthesis and respiration, mitosis and meiosis, DNA and RNA, genetics, ecology, evolution and creation, taxonomy, viruses and bacteria, protists and fungi, and finally animals. Students will learn through texts, videos, online interactives, and through hands-on and virtual lab investigations. Microscopes, dissections and other inquiry-based activities will be used in the course. My goal for each student is to not only prepare them for a future college biology course, but to also teach them how to identify God through the study of life & how to defend their faith through science.

**Class Day/Time:** Thursdays at 1pm

**Fees:** Monthly tuition: \$40/month (or \$160/semester or \$320/year); one-time supply fee: \$50. Fees will be paid directly to the instructor via cash, check, or PayPal at [ashleysigrest@hotmail.com](mailto:ashleysigrest@hotmail.com). If other online payment is needed, please let me know.

**Text & supplies needed:** Apologia Exploring Creation with Biology 2nd edition & a 3 ring binder for handouts, notebook paper, & something to write with. I will have some textbooks available for resale from past students so please reach out to me if you'd like to purchase one of those at cheaper price.

**Canvas:** Students will be sent instructions before the first class to join Canvas (if they have not used Canvas before.) Much of the communication for class, including weekly assignments, will take place using Canvas. 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.

**Expectations:** Students are expected to come to class prepared, ready to learn, & to participate in class discussions and labs. It is important for assignments to be turned in on time as they will help prepare them for quizzes, labs, and tests. Because we only meet one hour a week, students are expected to do additional reading & assignments at home. Excused late work due to absence, illness, or extenuating circumstances approved by instructor will be accepted. Unexcused late work will be accepted on a limited basis at instructor's discretion. Late work may be subject to a penalty.

**Grading:**

- 40% Tests & Quizzes
- 30% Lab Reports
- 20% Other Assignments
- 10% Class Participation