

Course Description

Biology

H.O.M.E. Group 2018-19

Instructor: Janell Farmer
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Start Date: September 7, 2018
End Date: May 17, 2019
Class Times: Fridays – Block D 2:15-3:45

Cash Cost:

- Supply fee is \$135.00 for the year.

- \$160 per semester

- Payment Schedule:

 - Parent -Teacher Meeting (August 21st) - Total Supply fee of \$135.00

 - November 16th ¼ of the Tuition - \$160.00(unless there is a multi-child discount applied)

 - March 16th ¼ of the Tuition - \$160.00

- If you have multiple children taking science classes from me, I do give a tuition break of 25%.

Please contact me to get further details.

SOARCE Cost:

- Supply Fee is \$135.00 for the year and is the responsibility of the parent and is due on August 21st

- Tuition fee is \$250 per semester (Fall and Winter)

Instructor Biography

I have been teaching science to high school students for over twenty years. I obtained a Bachelor of Science degree with a double major in Science and Math education from Pensacola Christian College. Later I went on to earn my Master's Degree in School Administration. I have served as a Chemistry Department head at a private academy in Florida and taught at various Christian schools until my husband and I started having children. In the late 90's, I began offering science classes to homeschooling parents that didn't have the equipment or desire to do lab work in their own homes. Since then I have built up my own science lab and greatly enjoy working with the local homeschooling community. My family and I are active members of Cornerstone Baptist Church of Roseville. I am so thankful for the ministry at Faith Lutheran that provides this opportunity to partner with parents in better equipping their students in both a science education and a love for our Creator.

Course Description

This course is designed to give your student a college-prep science education with *Biology: God's Living Creation*. The text teaches students the basic principles of biology in an understandable and interesting manner. I will do my best to make the structure and function of biological beings clear and understandable as students learn about botany, human anatomy & physiology, life science, zoology, and cellular biology. Teaching students to see science as a way to bring glory to God, this text emphasizes God's design at all levels, rejecting the theory of evolution. The lab work will entail both microscope study and several dissections.

Skills & Topics

The following topics will be covered in this course: botany, human anatomy, zoology, and cytology. The students will be expected to learn the major parts of a plant; an overview of each of the eleven systems of the human body including bones, muscles, and the circulatory system; the classification system for animals; basic knowledge of the cell; and an introduction to genetics.

Textbook and Supplies Needed

1. Textbook: ***Biology: God's Living Creation*** 3rd Edition by Keith Graham & Gregory Parker. Published by A Beka Book (The textbook & lab book will have a purple stripe across the front of it)
2. The ***Biology: God's Living Creation Field and Laboratory Manual*** 3rd edition is also required
3. Binder with notebook paper, index cards, pen, pencil, highlighters, and colored pencils
4. Dissection Kit which can be purchased from me for \$9.00
5. Use of a library and/or internet for research
6. Use of a computer and printer for papers
7. I would like to incorporate several field trips through out the year. These will be optional as they will be an additional cost.

Classroom Policies

- I ask that students respect the learning environment by not using cell phones while in class.
- Please be punctual and attentive for the class period.
- Textbook work, lab assignments, and tests are due on the due date and are not accepted later unless you have an excused absence. In that case it is accepted the following class period only. Incomplete work is accepted for partial credit.
- Quizzes and tests will be given regularly.
- There will be extra research projects that the student's will be expected to do as well and will need to be turned in on their due dates.
- While doing our laboratory work, I expect the student to act wisely with all science equipment. If something is broken, the student will be expected to pay for a replacement.
- The students will be working together in groups of two. I will be assigning lab partners.
- Before a student leaves class each day, it is expected that their lab supplies will be put away and their work area cleaned off.
- If the student misses a class, it is their responsibility to contact me about what they missed and to have their work ready for the next time they are in class.

Evaluation and Grading

- The homework assigned for each class period will be checked in class and given a grade.
- Each lab will have report sheets that will need to be filled out in class and turned in to get graded.
- The student should be prepared to take a quiz at the beginning of each class over the reading assignment.
- When we are in the dissecting section of our course, there will also be lab quizzes where the students will be expected to identify different parts of the specimen.
- Tests will be passed out at the end of each chapter. The student will receive the test in a manila envelope. There will be instructions on the front of the envelope for the parent to follow. **IT IS VITAL THAT WHEN THE STUDENT TAKES THE TEST HE DOES IT WITH HIS BOOK CLOSED AND NOTES PUT AWAY.** The manila envelope will need to be brought back to the next class so than the tests can be graded.
- Class evaluation will be based on four areas weighted accordingly:

Homework -	10%
Quizzes-	25%
Lab Sheets -	25%
Tests -	40%
- Progress reports will be passed out in December and May.
- This course is designed to count as one high school science class with a lab credit.

Percent	Letter Grade
100-93%	A
92-90%	A-
89-87%	B+
86-83%	B
82-80%	B-
79-77%	C+
76-73%	C
72-70%	C-
69-67%	D+
66-63%	D
62-60%	D-
59-0%	F