

PAT VALDEZ**ADVANCED BIOLOGY Lecture/Lab****Time: 1st Period, 9am-10am**

11th - 12th grade

Lab Description:

Students will have extensive use of microscopes. They will sketch and label parts of the cells they observe. They will observe their own hair, nail, and cheek cell samples. They will observe and analyze human x-rays and MRIs. They will collect bacterial samples using bovine agar plates. Students will learn the parts of the brain, kidney, and heart using preserved specimens. They will do an extensive dissection of a sheep's eye and a fetal pig. They will do their own blood-typing test.

Prerequisites:

Have completed biology and chemistry (helpful but not required)
I will say if your children are planning to enter the medical or dental fields, it is best they take chemistry prior to their advanced biology class.

Textbook:

The Human Body Fearfully and Wonderfully Made, 2nd edition by Dr. Jay L. Wile and Marilyn M. Shannon

<http://www.christianbook.com/page/homeschool?event=AFF&p=1149087>

We will be covering Modules 1-15 during 2017-18 school year.

****Students will have periodic labs and weekly homework assignments. NO in-class tests. They are open-book tests they can do at home. There will be semester projects for the fall and spring.*

Tutor's Responsibility:

I am to help your student be accountable to completing the course. I do not grade assignments individually but in a group setting, aloud in class. I do keep accurate records to confirm that the student has done all the assignments. Plus, I design a weekly homework assignment regimen on [Edmodo.com](http://www.edmodo.com).

Class Fees & Payment Options:**Contact:** Pat Valdez**Email:** leapingfroglady@gmail.com.

***Monthly Fee:** \$50; (regardless if it is 2 or 3 weeks; remember supply fee is included)

Total = \$450 Year; includes supply fee: general cleaning supplies, gloves and preserved specimens, chemicals; plus use of my instruments such as microscope, dissection tools and trays, etc.

Payment:

You do have an option to pay with PayPal.

My email is leapingfroglady@gmail.com if you happen to have a credit card or PayPal account.

*Fee does NOT include the textbook. You will be responsible for purchasing the text prior to starting the course.

For additional questions concerning classes or textbooks, contact me by email:

leapingfroglady@gmail.com.

Link to Pay Through Paypal is:

<http://www.paypal.me/pvaldez>