

Biology

Students must be concurrently enrolled in the APS Co-Op Biology Lab course

Please note: The Biology course and the Biology Lab course are separate courses receiving separate units and grades. Enrollment must be concurrent.

Grade: 9-12 (course pre-requisite – see below)

Course Description:

Biology is the study of life, more specifically God's incredible creation. Biology is an essential science for all high school students and is the foundation for more specialized sciences such as botany, zoology, microbiology, molecular biology, cell biology, physiology, and biochemistry.

This course will cover the scientific method, classification, microscopes, cellular structure and function, genetics, evolution, and explore God's wonderful living organisms such as bacteria, protists, fungi, plants and animals. A brief amount of time will be spent on the chemistry of life and ecology.

Each student will receive a syllabus for readings and assignments to be completed. Each student needs to have the current textbook to be able to complete certain assignments, as well as basic school supplies in addition to a notebook/folder and a set of colored pencils. The textbook website will be utilized; therefore, students will have assignments that require use of a computer with Internet access.

The course will be graded according to a point system. Points are earned for assignments, labs, projects, quizzes, and tests. Attendance is important, as this class will involve activities with partners. Students will learn the essence of biology and will be able to show mastery of the specific topics.

Course Fee: \$200 per year

Material/Admin. Fee: \$ 30 per year

Mandatory Course Text: *Exploring Creation with Biology*,
2nd Edition, Dr. Jay Wile and
Marilyn F. Durnell, ISBN: 1-932012-54-0

Course Min# students: 8 students Course Max# students: 20

Course Pre-requisite: Completion of a junior high-level life science course.

Instructor: Holly Reed

Holly Reed is a credentialed California State Science teacher and is currently teaching science in a local High School District where she has been teaching for the past 10 years. She is a graduate of The Master's College with a bachelor's degree in biological sciences with emphasis in pre-medicine. She also has a master's degree in education from the University of La Verne.

This is a two-semester course and is worth 10 units. The instructor will issue a grade at the end of each semester. This course must be taken concurrently with the Biology Lab.

Biology Registration Form

The cost of this course involves a COURSE Fee, MATERIAL/ADMIN Fee and a Co-Op Fee for each semester. Student must be concurrently enrolled in Biology Lab.

Checks for all three fees must be submitted with this registration form.

Fees may be paid in installments, but **ALL installment payment checks MUST BE INCLUDED with this form and dated as shown below.**

1. Payment of Course Fee: MAKE PAYABLE TO Holly Reed

1 ck in the amt of \$200 due at time of reg. OR

**2 cks in the amt of \$100 (#1 with date of reg. & ck #2 dated 1/1/09
OR**

**4 cks in the amt of \$50 (#1 with date of reg., ck #2 dated 11/1/08,
ck #3 dated 1/1/09, ck #4 dated 3/1/09)**

2. Payment of Material/Admin. Fee: MAKE PAYABLE TO CASH

1 ck in the amt of \$30 due at time of reg. OR

2 cks in the amt of \$15 (#1 with date of reg. & ck #2 dated 1/1/09)

3. Payment of Co-op Fees: MAKE PAYABLE TO CASH

1 ck. In the amt of \$16 due at time of reg OR

2 cks in the amt of \$8 (#1 with date of reg & ck #2 dated 1/1/09)

Tear off & return with **ALL PAYMENT CHECKS** mentioned above, plus **SASE** to:
Susan Todd 28330 Gibraltar Lane, Castaic, CA 91384
Questions? SusanTodd@mail.com

Registration Dates: 6/1-6/15/08 and 8/27-8/30/08

Biology

Parent's Names

Phone No.

Email _____ @ _____

Student's Names

Grade

New to APS? Please ck. here _____