

**Advanced Biology  
Course Syllabus  
Instructor: Mrs. Conrow**

**Course Description:**

This course is taught as an extension of Biology. It covers classification and zoology. All concepts learned in Biology are applied to gain a better understanding of the Animal Kingdom. A comprehensive final will be given at the end of each semester.

**Units of Study**

- Classification & Taxonomy
  - Kingdom mural
  - Approx 7 days
- Porifera, Cnidaria, Ctenophora
  - Hydra lab
  - Approx. 9 days
- Platyhelminthes, Nematoda
  - Autobiography of a parasite
  - Planaria Lab
  - Approx. 7 days
- Mollusca, Annelida
  - Squid and clam dissection
  - Earthworm brochure
  - Approx 16 days
- Arthropoda
  - Group presentations
  - Crayfish dissection
  - Approx. 25 days
- Echinodermata
  - Sea star dissection
  - Approx. 12 days
- Fishes
  - Fish chart
  - Dogfish shark dissection
  - Approx 13 days
- Amphibia, Reptilia
  - Unusual amphibian research
  - Frog dissection
  - Approx 23 days
- Birds
  - Bird pictures
  - Approx 8 days
- Mammal
  - Approx. 16 days
- Entomology Collection
  - TBA

All units will include notes, outline, discussions, independent reading, worksheets, and independent research. A test/quiz will be given at the end of each unit.

**Grading:** Grades are a method of feedback that allow communication between teacher/student and hold students accountable for their learning. Without completed assignments it is difficult to assess student progress. All assignments provide students with an opportunity to further their learning. Incomplete or late assignments hinder student success and therefore are not acceptable. Your grade in this class will be based on the following:

**Quizzes and tests- 50%**  
**Homework, participation, lab, etc. 50%**

- Comprehensive final- given at the end of each semester and are cumulative in content.
- One Free Late will be given per quarter; any subsequent late assignment will result in reduced credit- 1 day (75% credit), 2 days (50%), 3 days (must meet 8<sup>th</sup> hour to go over assignment with instructor)

**Cheating/Plagiarism:**

- Cheating on a test or assignment will result in a grade of zero for all involved.
  - Types of cheating include, but are not limited to:
    - Improper test/quiz- taking behavior
    - **Sharing answers, homework, or other assignments**
    - Plagiarism
    - Improper use of tutors and/or technology

**Google Classroom:**

- We will be using Google Classroom throughout the year. You will have access to classroom materials, videos and homework assignments through my classroom. You may access my classroom online at [classroom.google.com](https://classroom.google.com) or download the Google app to your own device. You must create your account using your school email. Join my room by using the code: **ixyya**

**Expectations**

- Remember the 5P's: Be Prepared, Polite, Prompt, Present, and Positive.
- Daily participation points will be given during labs. Time missed due to unexcused absences/tardies cannot be made up. Any excused absences/tardies must be made up within 48 hours before or after school.
- Expect to spend time outside of class learning and studying for this course.
- Respect yourself, others, and the classroom at all times.

**Supplies**

- 3-ring binder
- loose leaf paper (preferably college ruled)
- dividers for units in binder
- index cards