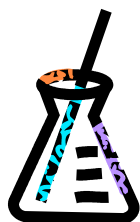


# Biology A



Instructor: Shauna Coyle

Planning: 9:05-10:00

Email: [shauna.coyle@jackson.kyschools.us](mailto:shauna.coyle@jackson.kyschools.us):

Phone: 287-7155

## **Course Description:**

Biology is the study of life. During this semester we will explore life from its most simplest to complex form. Biology is a full semester course that focuses on the fundamentals of living organisms and their relationship with their environment. The duration of the course consists primarily of seven units of study. It will be a lecture based course with various labs, research, notebook, writing assignments and unit exams. The course will have a comprehensive final.

## **Text:**

The textbook, *Biology*, will be used in this course. Each student will be issued his/her own book, and will be responsible for returning it, in adequate condition, at the end of the semester.

## **Units to be covered:**

### Biology A

- Scientific Inquiry/Science in Practice
- Biochemistry
- Cells
- Energy Transformations
- Genetics
- Evolution
- Ecology
- Plants/Animals

**Grading:**

Grades will be assigned according to the school adopted grading policy.

60% exams

40% homework/daily work/quizzes

20% semester exam

Students will be graded based upon in class participation and completion of assignments. Students will receive homework, test, lab and daily grades.

\*Late work will receive point deduction or may not be accepted at the discretion of the instructor.

\*All makeup work must be accompanied by an excused absence to be accepted

\*Labs can only be completed during class time; therefore makeup labs are often not possible. In the instance that a student should miss a lab, special arrangements will be made by the instructor.

**Classroom Expectations and Rules:**

1. Bring all material needed for classroom work. I expect every student to come to class prepared and ready for high achievement.
2. Always be punctual to class and ready to begin. The introduction of the class states the learning target for that day. If this is not heard you will be lost for the remainder of class.
3. Be a respectable citizen. We are and will be a part of society and we need to present ourselves that way at all times.
4. Listen while others are speaking. You deserve respect when speaking and so do others when they speak.
5. Obey all classroom rules and school policies. These rules are outlined to provide a safe and effective classroom and school environment.

**Labs:**

Labs are a very important part of the Science curriculum. They enable students' hands on experiences that cannot be achieved primarily through text and lecture. In doing labs certain rules must be followed in order to have a safe, effective and efficient lab time.

**Lab Rules:**

1. Listen to all instructions before beginning a lab.
2. When in doubt, ask, do not touch, taste or smell any substance or lab product, unless otherwise instructed to do so by the teacher.
3. NO horseplay in the lab. If you choose to do so, you will no longer be permitted in the lab, therefore resulting in a zero for all subsequent labs. Safety is first and foremost in the lab. Horseplay can jeopardize your safety and your peers' safety.
4. Clean all used lab material and work space. Put lab equipment back in its proper location. If you neglect to do so this may result in loss of lab time.

Some labs will require formal lab write up. The write up will be discussed thoroughly in class.

**Materials Needed for Class:**

Pen/pencil

Paper

Three ring binder

Graph paper