

Title: Living Environment

Teacher: A. Granberry

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Course Description:

This year-long coursework covers basic information about life including cells, organisms and their environment. There are 6 general units that are covered during the year: Ecology, Evolution, Cell Structure and Function, Human Systems, Reproduction, and Molecular Genetics.

Course Objectives:

The content of this class is good starting point for any student who wishes to pursue a college degree in the life sciences or wishes to gain a better understanding of how science affects their daily life. Throughout the year emphasis is placed on understanding how biological science continues to develop through new discoveries. Current articles, podcasts, and videos are used to aid in this understanding.

Course Materials:

A basic biology textbook is used for the class: The Living Environment by Rick Hallman.

Outlines of Activities:

Each week there is a lab activity that reflects the content of the lessons being taught. These labs are varied and allow students to become familiar with basic lab techniques and equipment. Activities might include recording the germination of seeds, testing foods for macromolecules, or monitoring a pulse rate while exercising.

Expectations:

Students are expected to participate during class time. Participation includes routinely turning in homework, completing class assignments when given, and in general, being cooperative and respectful of others while in class. Test and quizzes will also be given and scored as part of the final grade for the class. Each week's lab will be scored and included in the class grade.

Since the class is a New York State Regents Course, a state exam is given in June and this grade becomes part of each student's permanent transcript. This test is required for a Regents diploma. A student must have satisfactory labs before being admitted to the exam.

Grading Policy

Homework and Classwork 25%	Laboratory Work 25%	Test, Quizzes, & Projects 50%
1. Students are expected to complete each homework and/or classwork assignment to the best of their ability. Work is collected on a regular basis. 2. Students in need of addition help should tutoring. 3. Late homework is not graded.	1. Students are required to attend a double-period lab one day each week. They must arrive for the lab on time. Arriving later than the starting time will result in points deducted from the grade. 2. All lab work must be completed and must be submitted at end of the lab period. If not completed then work must be completed in school and tutoring hours.	1. Test will be given on a regular basis. 2. Test are announced at least two days prior but usually a week in advance. 3. Projects are assigned throughout the year with a grading rubric given at the time of the assignment.

Make-up Work

1. If a student is absent, then they are responsible for finding out the missed work.
2. Quiz or test make up must be scheduled the day that they return to school.