

Ms. Watkins' Summer 2019 Living Environment Course Outline

(July 2nd - August 9th)

SLF41QQB, SLF42QLB, SLF43QQB, SLF44QQB, SLF44QLB

Welcome to the Living Environment. This is a standard Regents course. It is designed to provide a broad general understanding of the fundamental principles of biology. The basic core includes the study of life, maintenance of plants and animals, reproduction and development, transmission of traits from generation to generation, evolution and diversity, and plants and animals in their environment. Both the presentation of content and the development of process skills will be critical components of this course. Your grade will be comprised of a daily cumulative point system. The overarching goal of this course is to have fun while learning. We will have a fun and enriching six weeks.

Grading System:

Daily point system of 65 points:

- 10 points for arriving on time (within the first 10 minutes of class) and signing-in (without prompting)
- Daily assignments- 30 points
- Homework- 15 points
- Participation- 10 points

65 points x 28 days = 1, 820 points

There will be additional points given at random for various tasks and assignments.

Three (3) projects:

Due dates: July 12th, July 26th, and August 9th

Each project is worth 25 points and will be your "lab grade."

Assessments- July 18th & August 1st (Each assessment is worth)

Grade Breakdown:

1,820+ points = A

1,720 – 1,819 = B

1,620 – 1,719 = C

1,520- 1,619 = D

Anything below 1,520 = F

All daily assignments/homework are due no later than the Friday immediately after they are given- (Example: An assignment given on July 3rd is due no later than Friday, July 5th) No EXCEPTIONS or extended time will be allowed. Project due dates are FIRM.

Topics Covered:

- Scientific Inquiry
- Similarities and Differences Among Organisms
- Genetics
- Reproduction and Development
- Evolution and Biodiversity
- Ecology
- Cellular Life
- Human Impact on Ecosystems

Summer Focus: Human Impact on the World

Materials:

- Three Ring Binder with dividers
- Index Cards
- 2 pocket Folder
- Loose Leaf Paper (200 or more pack)
- Pens (blue or black ink only)

Summer School Living Environment ¾ Topics Covered:

- DNA AND RNA
- GENECTIC ENGINEERING
- GENECTIC DIVERSITY
- THE HISTORY OF LIFE
- CLASSIFICATION
- BACTERIA AND VIRUSES
- ADAPTATION