**NAME OF COURSE:** Biology

**TEACHER:** Mr. Kellerman

**GRADE LEVEL:** 10

**CREDIT VALUE:** 1

**COURSE OUTLINE:**

A. Introduction

1. What is biology?

2. Basic chemistry of living things

B. Ecology

1. The environment

2. Succession and population changes

3. Biomes

C. The Cell

1. Structure

2. Function

3. Nucleic acids and protein synthesis

4. Genetics

D. Living “Arrangements”

1. Classification and Evolution

2. Invertebrates and Vertebrates

**COURSE REQUIREMENTS:**

1. In determining a final grade, each marking period will be worth 2/7 and the final exam will be

1/7. There are three marking periods during the course.

2. The final exam will be the Keystone Exam.

3. To pass the course, you must pass 2 out of the 4 grading units and have a final average above

60%.

4. Keep track of your grades using power school. Thirty days in a marking period go by fast!

**EVALUATIVE TECHNIQUES:**

1. All students must take notes.

2. Tests/Quizzes

3. Class work and participation – be active and be on task

4. Laboratory Work – completion of written lab work, drawings, reports, etc.

5. Homework assignments:

- READ THE TEXTBOOK!!!!

- textbook questions

- lab reports

- reviewing notes

- studying for quizzes and tests

Anything turned in late will be penalized.

6. There will be one research paper done during the last marking period. It will be a major

grade in that marking period.

**SOME IMPORTANT RULES FOR BIOLOGY:**

1. Living materials in the room are for use and learning. **DON’T ABUSE THEM!**

2. Come prepared to class daily (book, notebook, pen/pencil).

3. **Courtesy** and **Honesty** are **Expected** at **ALL TIMES**.

In closing, with flex time in our block scheduling, it will give all students the opportunity to get help from other students or from me. If you need assistance, please ask me for help! It provides a great time for one on one or small group instruction. If you have any questions, please e-mail me [dkellerman@palmerton.org](mailto:dkellerman@palmerton.org) or call the high school office at 610-826-3155 and leave a message with the secretary. Hopefully we will have a great semester together.

Sincerely,

Mr. Kellerman