**Biology Syllabus**

**Instructor**: Mr. Evan Sonnenberg

**Website**: [www.sonnenbergscience.weebly.com](http://www.sonnenbergscience.weebly.com)

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**Office Hours**: Wednesday 2:15 to 3:15

**Introduction**: Welcome to biology, the study of living things (organisms). In this class, we will examine what it means to be “alive” as we know it. We will zoom in to see what living things are really made of and zoom out to study all of the ecosystem functions (both biotic and abiotic) that make life on Earth possible!

**Unit 0: Scientific Methodology**

**Unit 1: Biomolecules**

**Unit 2: Cell Structure and Function**

**Unit 3: Cell Reproduction**

**Unit 4: Cell Energy and Transport**

**Unit 5: Genetics**

**Unit 6: Evolution and Classification**

**Unit 7: Ecology and Animal Behavior**

**Unit 8: Biotechnology**

Instruction will be centered around the NC essential standards for biology: <http://www.ncpublicschools.org/docs/curriculum/science/scos/support-tools/unpacking/science/biology.pdf> .

**Grading Structure:**

 **Quarter Grades (80% of class average)**

20% Unit Tests (multiple choice)

 20% Labs and Projects

 20% Quizzes (open notes); printed materials not allowed

 20% Assignments (warm-ups, classwork, homework)

**EOC (20% of class average)**

**Required Materials**:

* Spiral Notebook, Folder or 3-ring binder, and a Pencil or pen (blue or black only)
* School laptop

**Classrooms Expectations**:

1. Be kind and respectful at all times
2. Safety comes first in ALL lab and classroom activities.

**Attendance**:

It is **your** responsibility to see me about missed work. Notes and assignments will be posted on the website.

**Late Work**:

**Penalties for late work are significant**. Assignments submitted up to 24 hours late will be docked **20 points**. Assignments submitted more than 24 hours late will be docked **40 points**. If you are facing an extenuating circumstance or struggling to keep up with your work, please speak to me as soon as possible so that we can develop a plan to keep you on track.

**Retests/Corrections**

Any grade below an 80% on a **Test or Quiz** can be amended through test corrections or a retest up to a maximum of 80%. The student must come during PULSE Time or my office hours. Project or lab grades requiring adjustment must be determined on an individual basis.

I look forward to sharing biology with you and hope that you will find this class to be both challenging and enjoyable as we study the living world together!

Mr. Sonnenberg