

SYLLABUS

Centennial High School

Course #: 8356	Teacher Name: Ms. Gothier
Course Name: Biology 2	Room Number: R203 Phone #: 763-792 -5172
Semester 1 <input type="checkbox"/> Semester 2 <input checked="" type="checkbox"/>	E-Mail: mgothier@isd12.org
Schoology Code: WZKKW-2FHJN (may change)	
Prerequisite: N/A	Credit Earned 0.5

Course Description:

This interactive, hands-on course will introduce the concepts of Organisms in a Dynamic Environment as it focuses on Earth history, evolution, and ecology of populations, population genetics, and human impact on the environment.

Course Objective:

Students will be able to:

1. Compare and contrast environmental conditions that make life possible and how the earth has changed through geologic time.
2. Describe the findings of Charles Darwin as explained by natural selection and evolution.
3. Site scientific evidence to show evolutionary relationships among species.
4. Explain the transfer of matter and energy in an ecosystem.
5. Describe factors affecting populations in an ecosystem.
6. Trace the cyclic movement of carbon, nitrogen, and oxygen and explain the importance of these cycles.
7. Analyze the impact of humans on the natural world.
8. understand genetics and patterns of inheritance.

Course Expectations:

- Student are expected to be prepared for class each day with complete work, necessary materials, and a positive attitude. Students can expect the same from me.
- No food or drink is allowed in class being that this is a lab based course.
- Ask for help when needed. If you have a question, it is likely that someone else has a similar one. Ask me!

Course Expectations:

Safety is a primary concern and students will be expected to follow rules and procedures given by the instructor. You should be able to work with others and be willing to participate in class discussions. **The use of head phones, CD players, IPod, cell phones, eating and drinking is prohibited.**

Assignments are due at the beginning of the class day unless otherwise noted. Assignments will be accepted late (within 2 weeks) for 60% credit. In the case of an excused absence, for an assignment to receive no grade reduction, work missed must be turned in within two school days for each day absent unless special arrangements are made with the teacher.

Attendance: (Four unexcused tardies are equivalent to one unexcused absence)

You are expected to be in the classroom seated when the bell rings. You must have a pass from a staff member to excuse your late arrival. When an unavoidable absence occurs, it is **up to you** to find out what you missed and **you are responsible to find the time** to make up all missed work, including labs. Centennial has a building attendance policy that we will follow for unexcused absences will cause an incremental grade reduction. Refer student handbook for further explanation.) Class work or tests missed because of an unexcused absence will not receive credit.

