

COURSE SYLLABUS: BIOLOGY II/ECOLOGY

TEACHER: Mrs. J. Kidd **ROOM:** 203
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Planning: 5th period
School phone: (434) 946-2898

TEXT: Holt, Environmental Science

COURSE DESCRIPTION:

This course investigates how organisms interact with each other and with the environment. Major topics include terrestrial and aquatic ecosystems, matter and energy transfer, and community interactions as well as the effects of pollution, habitat destruction, and resource depletion. There are a lot of exciting and interesting things to learn about our planet and the other living things that interact with our environment. Even if you do not choose science as a career field, I believe you will find the information useful in your life endeavors.

COURSE OBJECTIVES:

The student will investigate and understand the following topics:

- Methods of scientific investigation
- Ecosystems (species interactions, energy flow, matter cycling, & succession)
- Terrestrial and Aquatic Biomes
- Water (resources and pollution)
- Air pollution (human health concerns, global warming, & acid deposition)
- Energy Sources
- Population Growth
- Biodiversity

SOLs INCLUDED:

There is NO SOL end of course test; however, a nine-weeks assessment will be given at the end of each grading period. The course will cover material that supplements Biology I SOLs (BIO.1 a,b,h; BIO. 5 a,b,c,g; BIO 7 a,g; BIO 9 a,b,c,d,e.

MATERIALS: 3-ring binder, paper, writing utensils, chromebook

GRADING: 2 Grades per week: Mastery of Content 60%, Measure of Progress 40%

ATTENDANCE AND MAKE-UP WORK

It is your responsibility to obtain missed assignments due to absences. Make-up work can be accessed from Google Classroom. If you have any questions concerning the make-up assignment, I will be happy to assist you. The make-up policy stated in the student handbook will be followed in this class. Do not let missed work go undone because zeros can severely hurt your class average

INTERIM:

An interim progress report will be sent home about midway through each 9- weeks grading period.

My commitment to you and your parents/guardians:

There are a lot of exciting and interesting things to learn about our planet and how we and other living things interact with the environment. Every day the news covers stories about our climate, air, water, food, fuel resources. Even if you do not plan to study science in the future, I believe you will find the class information useful in your life endeavors. I am looking forward to having you in Biology II/Ecology and will give you my best as I expect no less in return.