



Environmental Science – Course Outline

14 August 2013

Dear Students & Parents,

Welcome to Environmental Science, the study of how living things interact in the environment. Throughout this year we will approach a variety of environmental interactions with a scientific eye. Students will learn to make claims or arguments in regards to causes and effects of environmental problems and justify their claims scientifically. Listed below is pertinent information in regards to Environmental Science.

Standards: *College Board Standards for College Success: Science*

- STS1 A critical interdependence exists among science, technology and society.
- ES.1 Dynamic processes shape and order Earth.
- ES.2 Earth is composed of interdependent and interacting systems.
- ES.3 Earth's history can be inferred from evidence left from past events.
- ES.4 Matter on Earth is finite and moves through various cycles that are driven by the transformation of energy.
- ES.5 Humans and the environment impact each other.
- LS.1 The diversity and unity of life can be explained by the process of evolution.
- LS.3 Interdependent relationships characterize biological ecosystems.
- LS.4 Biological systems utilize energy and molecular building blocks to carry out life's essential functions.

Textbook: Holt Environmental Science (online edition)
Environmental Science: A Global Concern (in class set)

- Units:**
- 1 Environmental Systems
 - 2 Ecosystems
 - 3 Population Biology
 - 4 Natural Resources
 - 5 Watersheds & Wetlands
 - 6 Environmental Quality

Language: To provide an all inclusive and respectful class environment, English will be the spoken language in the classroom. If a student is in need of translation, permission may be granted by the teacher to speak in your home language.

Class Expectations: *The QISS Student Code of Conduct applies as well as all QISS rules.*

- 1 Be respectful to yourself, your teacher, and classmates at all times.
- 2 Come to class prepared and ready to learn.
- 3 Ask questions when needed and actively participate in class discussions.
- 4 Complete neat, organized, quality work.

Grading:

- Summative: 60% (Major Lab Reports, Projects, Tests)
- Formative: 40% (Daily Work)

Please do not hesitate to contact me with any comments, questions, or concerns.

Sincerely,

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