

Environmental Science Syllabus

Mr. Carman

<http://www.kentschools.net/ccarman/>

2011-2012

Each unit is approximately 3 weeks long; order may change based on weather, equipment availability, and other unforeseen circumstances.

1st Quarter

1. History of Environmentalism
2. Pollution & Waste
3. Water
4. Project: Home Eco-Footprint (individual)

2nd Quarter

1. Global Warming & Climate Change
2. Natural Resources
3. Alternative Energy
4. Project: Global Warming Media Project (group)

3rd Quarter

1. Biodiversity & Species Loss
2. Soil & Agriculture
3. Population & Food
4. Project: Endangered Species Poster (individual)

4th Quarter

1. Sustainability & Conservation
2. Wetlands
3. Project: Stream Study (group)
4. Final Project: Your Journey (individual)

Types of Activities – generally, each unit will include one or more of each of the following activities:

- introductory lecture
- before & after journaling
- group/co-operative learning activity
- webquest/online activity
- lab/field activity
- video
- guest speaker
- creative activity (poster, powerpoint, etc.)
- work on quarter projects

Longitudinal Studies – these are year-long studies that are to be measured each month in small groups

- local creek & river water quality
- school energy audit
- school waste/recycling audit

Google Apps – most of our assignments are completed using Google Apps

- <https://www.google.com/a/kent.k12.oh.us/>
- username: your student ID
- password: your lunchroom PIN