

- o LAB WORK AND PROJECTS: Tragedy of the Commons simulation, Ecological Footprint, Eco-Columns, Biome speed-dating. Bubble Lab, endangered species profile, macroinvertebrate analysis, invasive species research
- Earth's Dynamic Systems (9.5 weeks)
 - o Atmosphere and Weather Patterns
 - o Plate Tectonics and Environmental Disturbances
 - o Minerals and Soil
 - o LAB WORK AND PROJECTS: ozone strips, climatogram analysis, particulate matter collection, carbon cycle model, soil testing, cookie mining, soil profile model
- Environmental Issues and Sustainability (12 weeks)
 - o Energy Resources and Use
 - o Watersheds and Water Cycling
 - o Aquatic Biomes and Water Pollution
 - o Land Use and Sustainability
 - o LAB WORK AND PROJECTS: Kill-a-Watt lab, water testing, water treatment simulation, watershed modeling, LD 50 determination
- Final Project (dependent upon schedule and conflicts) – sustainable community project

COURSE EXPECTATIONS AND POLICIES:

- Come to class prepared:
 - o Be sure to have completed readings, notes, and assignments.
 - o Bring your binder, a writing utensil, and your charged laptop.
 - o Dress appropriately for any activities: labs, field trips, outdoor observations.
- Stay on top of communications (see first page for contact and class information).
- Make every effort to be present, both physically and mentally.
 - o Check the student handbook for BHHS make-up work policies.
 - o Signing out of the classroom should be minimized and done at appropriate times for bathroom use only.
- Always strive for maximum integrity.
 - o Do what is asked of you.
 - o Do what you know you should do even if it was not asked of you.
 - o Complete your work only and encourage others to do the same.
 - If incidents of cheating (in any of its forms) are found:
 - Depending on the nature of the assignment, credit earned is divided amongst all parties upon first offense and parents/guardians are informed.
 - Any future offense is documented with a discipline referral through BHHS administration and handbook punitive actions are followed.
- Food, drink, and electronics policy:
 - o Because of the nature of the course, no food is allowed in the classroom (barring special circumstances).
 - o Beverages must be in closed containers, and there are circumstances where they will not be allowed.
 - o Cell phones are to remain silent (no vibrations or lights to indicate notifications) and away.
 - If a phone is seen being used, the phone must be placed in the caddy until the end of class.
 - If students refuse to place their phone in the caddy, they will receive a discipline referral.
 - When students leave the classroom during the period, their phone must be placed in the caddy.
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 - o Earbuds should not be used or seen unless required for a class activity.