As part of AP Environmental Science, you have learned about advocacy and conservation efforts in many different fields as it relates to sustainability principles. You will work with a small team (2-to-3-person teams **only**) on a specific topic that relates to the curriculum and ties directly to our home state of North Carolina. You may **not** select a topic that another group is working on in your class; but you may choose a topic that is not on the provided list, but it must be teacher approved before you begin and relate to both the curriculum and connect to North Carolina.

**TOPIC LIST:**

|  |  |
| --- | --- |
| Reintroduction of a native species  Bears in Pisgah National Forest  Flood Control  Stream/River Erosion  Forestry  Irrigation  Local Recycling  Energy Use  Mosquito control & abatement  Endangered species  Plastics  Air Quality  Infant Mortality Rates | Animal Farming  Farm-to-Table  Food Deserts  Gardening with native species  Sustainable Products  Hwy 12 Reconstruction/Maintenance  Construction Sustainability  Human health  Environmentally Related Medical Issues  Bird Conservation  Bat Conservation  Tree Preservation  Bee Conservation  Invasive Control (aquatic or terrestrial) |

**Project Requirements:**

Your team will submit two components (research paper and video presentation) that will count as ONE test grade. All team members must show contributions to both components or will risk losing points on an individual basis.

**All components will be due at the start of class on** **Tuesday, May 29th**.

The research paper should be a formal explanation of the research your team completes related to your subject matter selected. The video presentation should focus on educating the public on your subject. You have autonomy with your presentation of the information with regards to the video presentation (minimal guidelines for video portion)

***Component 1: Research Paper Requirements***

* Required to be typed and printed hard copy provided (1 per group)
* 1000-word limit
* Title page must include Topic, Group Member Names, Date, Period
* 1” margins, 12-point font
* Times New Roman or Arial font only
* Bibliography – APA format; minimum of 5 credible sources
* Components required in research:
  + Topic clearly defined
  + Introduction to the topic – should go well beyond what has been discussed in the course
  + Current methods of sustainability in North Carolina
  + Global Perspective of the topic - compare and contrast efforts with another country
  + Individual component – as an individual citizen how do you and/or others impact the sustainability of the subject matter
  + Interviews – must incorporate primary source interview data in the report from one to two sources (interviews must be from persons directly related to the subject matter)
    - Examples for interviews may include non-profit organizational representatives, extension offices, university professors, museum researchers, corporations such as Biogen, Cisco, EPA

***Component 2: Video Presentation Requirements***

* Video may not be any longer than 10 minutes
* May use any medium to construct video
  + i.e., pechakucha.org, PowerPoint with voice over, etc.
* Video must clearly articulate research components from paper
* Video will be graded based on:
  + Creativity
  + Articulation
  + Clarity
  + Entertainment
  + Depth of research/information
  + Audience engagement