**Bloom’s Ball ENVIRONMENTAL**

**Energy Resources and Human Activities**

You are going to create a Bloom’s Ball. Each Number corresponds with what you have to complete on each page. This is going to count as a 200 point minor assessment grade. I expect this to take two days to complete, and will only accept high quality work. You can only write in the pentagon but, everything should be colored neatly. The number corresponds with the page that you are to write on. Example, the Title page should only be written on page 1.

1. Title Page: Your Name
   1. Energy Resources and Human Activities
2. Wind energy
   1. How is it collected?
   2. What are the advantages?
   3. What are the disadvantages?
   4. Where can we build this type of energy source?
   5. How is this similar to hydropower?
3. Hydro/Tidal Energy
   1. How is it collected?
   2. What are the advantages?
   3. What are the disadvantages?
   4. Where can we build this type of energy source?
   5. What is one advantage this has that wind does not?
4. Biofuel
   1. How is it collected?
   2. What is this made of?
   3. Where can we use this type of energy source?
   4. What are the advantages?
   5. What are the disadvantages?
5. Solar Energy
   1. How is it collected?
   2. Where can we use this type of energy source?
   3. What are the advantages?
   4. What are the disadvantages?
   5. Why don’t we have more of this type of energy in the US?
6. Geothermal
   1. How is it collected?
   2. Where can this energy source be installed and collected?
   3. What are the advantages?
   4. What are the disadvantages?
7. Agriculture
   1. What are the two main nutrients found in soil to help plants grow that are also found in fertilizer?
   2. How does agriculture/animal agriculture relate to deforestation?
8. Forestry
   1. What is the practice of forest management?
   2. Where do we find the majority of our forests in the US?
   3. What energy source may be created from this industry?
9. Coal
   1. How is coal used to create energy?
   2. What does coal emit after it is burned?
   3. How does burning coal relate to smog?
10. Nuclear
    1. Why did we first begin to use this energy source?
    2. What are the advantages of this energy source?
    3. What are the disadvantages of this energy source?
11. Decisions, Decisions
    1. What are the main things that people think about when deciding whether or not to invest in energy resources (both renewable and non-renewable)?
    2. Why do we need to be conscious of these aspects when making tough decisions about where to get our energy from?
12. Tragedy of the Commons
    1. Create a picture that depicts what tragedy of the commons is.
       1. Within your picture include what resource you are talking about and a call to action on how we can make sure everyone has equal access to the resource.

**Grading:**

This is a large minor assignment grade (200 minor points)

Each page is worth 16 points.

All criteria needs to be included (16 points)

Partial Completion (12 points)

Minimal Completion (4 points)

None (0 points)

Each page needs to be FULL OF COLOR ( - 4 points each page)

ALL Portions of the page needs to be utilized ( - 4 points)

\*\*Example: Even if you have all the information for 16 points, but you did not apply color, you can only score a 12 out of 16.