**Planet Project**

**Earth and Environmental Science**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Planet: \_\_\_\_\_\_\_\_\_**

**PART 1: This can be presented through PowerPoint or a bulleted Word document. This part is individual.**

Please complete the sections below as they relate to your planet.

**Section 1: Planet Discovery and Origins - 6 points**

\_\_\_\_\_Who first recognized or discovered the planet?

\_\_\_\_\_What does the name of your planet mean?

\_\_\_\_\_Identify any discoveries made about the planet and who discovered it.

**Section 2: Location – 12 points**

\_\_\_\_\_Where is the planet located in our solar system?

\_\_\_\_\_How far is the planet from the sun? Use kilometers or AUs.

\_\_\_\_\_How big is the planet?

\_\_\_\_\_How many moons does it have?

\_\_\_\_\_What are the names of the moons (at least 10 names, if the planet has many moons)?

\_\_\_\_\_How long is one day? One year?

**Section 3: Atmospheric Make Up – 8 points**

\_\_\_\_\_What is the atmosphere of the planet made up of?

\_\_\_\_\_ Describe the weather on the planet.

\_\_\_\_\_What are the temperatures on the planet?

\_\_\_\_\_What are the precipitation, winds, clouds, storms, etc like?

**Section 4: Topography – 6 points**

\_\_\_\_\_What is the planet made up of?

\_\_\_\_\_Is there any water, land masses, etc?

\_\_\_\_\_Is the planet somewhere we can live, why or why not?

**Section 5: Pictures – 2 points**

\_\_\_\_\_ Include at least 5 pictures related to your planet.

**Section 6: Bibliography – 2 points**

\_\_\_\_\_ Include at least 5 sources used to find the needed information. There is no need to use MLA format, simply copy and paste the website. (Google is not a resource!)

**Part 1 Total Points:**

**\_\_\_\_\_\_\_\_/36**

**Part 2: Create an ecosystem. This part is to be completed with your group.**

What if life did exist on your planet? How would it differ from life on Earth? Things to consider:

-Is this life form aquatic or terrestrial?

-What does it breath?

-What does it eat?

-What would a food chain in this ecosystem look like?

Use your “Biology Brain” to create a full ecosystem for your planet. Be specific in your description. The ecosystem you create must match the conditions found on your planet that have been described in Part 1. You must provide a sketch of this ecosystem, as well as a written description.

**Part 2 Total Points:**

**­­­­\_\_\_\_\_\_\_\_\_/34**