Name: Project Due:

M.S. 180 Class

**Project: ClassificationPoster**

Task: You are a member of a team of scientists at the Bronx Zoo classifying organisms. You are responsible for gathering information on an organism (include visual evidence as photographs) and producing a classification poster in which you list the organism’s level of classification, scientific name genus and species (written properly) and include one unique/interesting fact about the species/organism that you choose. Your poster will be presented to the Congressional Science Committee at the White House.

**Step 1** – Choose a specific organism: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ex: “Common Squirrel Monkey” instead of just “Monkey”)

**Step 2** – Research the taxonomy of this organism. Use an encyclopedia or internet resources to find the following groupings to which this organism belongs:

Kingdom: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phylum: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Order: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Family: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Genus: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Species: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 3** – Type the information that you have found (remember how to properly write the Genus species) and mount it on construction paper. Find two or more pictures of your organism and add them to your poster.

**Project requirements:**

• Must include at least 2 pictures

• Must include each of the organism’s levels of classification

• Common name and scientific name (written properly) must be highly visible on the poster

* Must be neat and organized

**Bonus point:** Include one unique/interesting fact about the species that you chose

See Rubric on reverse for grading criteria.

|  |  |  |  |
| --- | --- | --- | --- |
| **Element** | **3** | **2** | **1** |
| **Mechanics** | None to one spelling and/or grammatical errors | Two to three spelling and/or grammatical errors. | More than three spelling and/ or grammatical errors. |
| **Title** | Common name **and** scientific name of organism are highly visible on poster. | Common name **and** scientific name of organism are present, but not highly visible on poster. | Common name is present in the title, but not the scientific name. |
| **Pictures** | Two or more pictures of the organism are included on poster. | Poster includes one picture of the organism on the poster. | No pictures of organism are included on poster. |
| **Presentation** | Pictures and text have been neatly cut out and glued onto construction paper or have been printed attractively together from a computer. | Pictures and text have been cut out and glued onto construction paper in a careless manner or have been printed from a computer in a less-than attractive manner. | Pictures and text have been cut out and glued onto construction paper very messily without any proper care. |
| **Scientific Name** | Scientific name is printed in the indicated manner: all in italics with first letter of **Genus** capitalized and species completely lowercase. | Scientific name is in italics **or** meets proper capitalization/lowercase specifications (not both) | Scientific name does not meet any of the italics/capitalization guidelines. |
| **Organism Taxonomy** | All seven levels of classification are represented in the poster. | Poster is missing 1-2 levels of the organism’s classification. | Poster is missing more than 2 levels of the organism’s classification. |
| **Student Name** | Student name is printed clearly in the bottom right corner of project. | Student name is printed clearly in a location other than the bottom right corner of project. | Student name is missing from project. |
| **Rubric** | Distributed rubric was resubmitted with project for grading purposes. (Be GREEN!) |  | Distributed rubric was not resubmitted with the project. Extra paper had to be wasted (NOT GREEN!) |
| **Bonus Points** | One unique/interesting fact about selected organism was included on poster |  |  |