**Chapter 1 – The Big Picture: Levels of Life**

**Project**

You must create an animal that requires special adaptations for its specific environment.

To do this, research other animals in the animal kingdom. Identify the adaptations that help them to survive in their environment. Integrate some of these adaptations for your model.

Your animal will be an endangered species. While researching other animals that are endangered species, you should find ideas to provide information about the cause(s) for the reduced population of your animal and available programs to help save and protect them, including things that we can do to help.

Requirements

1. Several suggestions of materials to create a 3 dimensional model of your animal 🡪 a painting or a drawing (must show a front view and a side-view with detailed labels), paper mâché, Lego, clay, styrofoam balls, toilette paper rolls, phloem, computer animation, etc.
2. Write a description of your animal. Follow the categories below and include subheadings in the write-up.
3. **Region**

 -What country or countries does your animal live in?

 -Where is it found (in the mountains or valleys or forests, etc.)?

1. **Environment**

 -What is the temperature range in the region?

 -What is the range of precipitation and its form in the region?

 -What species of plants grow there?

1. **Physical Description**

-Describe the physical characteristics of your animal.

 -Explain the importance of its characteristics. Do not forget to talk about its

 adaptations.

1. **Reproduction**

-Describe the life cycle of your animal.

 -How many young are born in its litter? How many litters per year are there?

 -Do the young remain with their parents or a parent (male or female) for

 a period of time after birth? If so, for how long?

1. **Food**

-What does your animal eat?

 -What are its predators?

1. **Threatened Species**

-What is the species population count of your animal?

 -Identify the cause or causes for the low population.

 -Explain the importance of a specific group or groups that are attempting to

 protect and care for your species of animal. What are they doing?

1. **References**
2. At least 150 words.
3. Double-space using blue or black ink.
4. Due date: **December 13, 2013**

Grade 6 students will write their report using point form (bullets) as many have not yet mastered how to write complete sentences. The subheadings will need to be included in their report.

Grade 7 students will write their report using complete sentences and paragraphs. The subheadings will need to be included in their report.