**Kingdom Animalia Assessment**

**Purpose:** To demonstrate your knowledge of the Kingdom Animalia by researching a specific **species** of your choosing.

**Format:** This project can be done either as a **research paper,** a **poster** or a **PowerPoint** presentation; the three differ simply by presentation. The information required is the same for both. **Do not do it in a format that I have to sign up to read it.**

**To Start:** Choose a specific species (common names frequently refer to a family or genus). Read general information about the family then decide on a single **species**. The title of your project will be the **scientific name** of the species you are researching.

**Your project will include the following:**

**Introduction:** Introduce your project by:

1. Stating the common name and the scientific name of your animal;
2. State the main characteristics of the Kingdom Animalia;
3. State the Phylum your animal belongs to and at least three of its characteristics;
4. Describe your animal (size, body shape, color and unique features).

**Habitat:** Describe the habitat where your animal is found. Include:

1. The type of ecosystem it lives in (Forest, Rainforest, grasslands,coral reef, open ocean, etc.);
2. Its global distribution (where in the world you would find it);
3. Where it lives in its ecosystem (cave, hole, under rocks, on sea weeds, buried in sand, on the plains, in trees, etc.).

**Niche:** Describe how your vertebrate spends its day. Include:

1. What it eats;
2. What eats it;
3. How it avoids being eaten;

**Body Systems:** For your animal, describe how it carries out the **five secondary functions of all animals**.

1. Protects its body from outside assaults (integument);
2. Obtains food and oxygen, circulates the energy and gets rid of its metabolic waste (digestive, respiratory circulatory and excretory);
3. Moves from place to place (skeletal and muscular
4. Coordinates its movement and its life phases (nervous and endocrine)
5. Reproduces to maintain the species.

**Bibliography:** List **ALL** your resources, including books, encyclopedias, CD ROM’s, web sites, magazines, videos, etc.