**Chapter 6 Research Project**

All the concepts in Chapter 6 are used to describe how an animal lives, where it lives, where it belongs in the animal kingdom and how it adapts to be able to live in its environment.

First of all, choose an animal that you would like to learn about. It can be your own pet or any mammal, fish, bird, insect etc.

Species, Taxonomy :

Research where it belongs in the animal kingdom. The classification system for living things is called Taxonomy. It tells you what species your animal is. For example, humans are classified in the animal kingdom, they are in the mammal class, their order is primates and in the hominidae family.

Population, Habitat, Ecological Niche:

Look at your animal’s habitat and ecological niche. Where does it live? Be as specific as you can. For example, don’t just put forest. Does it live in a tree? By a lake? At the top of the tree? Underneath the roots?

Evolution, Physical and Behavioral Adaptations:

Research what your animal looks like and how it behaves. Does it have webbed feet to live near water? Or does it feed during the night to avoid predators? Is it solitary (likes to live alone) or does it live in groups? In this section you look at how your animal adapts to be able to live in its environment.