



NAME _____

Use the online textbook chapter 1.1-1.3 to complete the review, questions, illustrations and other activities.

1] List the 5 major Organizational Levels of life.

2] What is the difference between DNA and Genes?

3] What Organizational Level of Life would you look in to study the interaction between a squirrel and an oak tree?

4] Approximately how many different species of the following are there?

Bacteria _____ Birds _____ Fish _____

Fungi _____ Plants _____ Insects _____

5] Describe the main difference between the Prokaryotic and Eukaryotic cells.

6] There are ten Themes that unify the study of Life. Match the Theme with the short statement below:

_____ *Biological Systems*

_____ *Cellular Basis of Life*

_____ *Form and Function*

_____ *Reproduction/Inheritance*

_____ **8** *Interaction with Environment*

_____ *Energy and Life*

_____ *Regulation*

_____ *Adaptation/Evolution*

_____ *Biology and Society*

_____ *Scientific Inquiry*

1 *Genetically Modified Crops*

2 *Natural Selection Processes*

3 *Studying the shape of a wing*

4 *How organs are built*

5 *Internal Biological Conditions*

6 *Producers vs Consumers*

7 *Asking Questions about Nature?*

8 ~~*How you effect the environment*~~

9 *DNA and Genes*

10 *Understanding how all parts work*

8] Describe the relationship between **Adaptations**, **Natural Selection**, and **Evolution**.
