

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_ Due \_\_\_\_\_ Score \_\_\_\_\_

# Classification of Life

Go to [the class website](#), click on [Biology](#), click on [classification unit](#), Click on [Classification of Life](#).

## Site #1: Biological Classification

1. What does the word "species" mean in Latin? \_\_\_\_\_
2. Who first proposed a system for classifying organisms? \_\_\_\_\_
3. What two terms are used for an organism's binomial name? \_\_\_\_\_ and \_\_\_\_\_

## Site #2: Ology: The Tree of Life

1. What type of diagram do scientists use to show how species are related?  
\_\_\_\_\_
2. Explore the groups shown on the cladogram to answer these questions.
  - (1) What percentage of the world's organisms are classified in each group?  
Bacteria - \_\_\_\_\_ Prototists - \_\_\_\_\_ Green Plants - \_\_\_\_\_ Fungi - \_\_\_\_\_
  - (2) Which animal group makes up the largest percentage of the world's organisms?  
\_\_\_\_\_
  - (3) What are tetrapods? \_\_\_\_\_
  - (4) What protein do all animals have in common? \_\_\_\_\_
  - (5) What structure do eukaryotes have in their cells? \_\_\_\_\_
  - (6) Into what group would humans be classified? \_\_\_\_\_

## Site #3: Ology: It Takes All Kinds

Read the information on the page and then click the link for "Diversity of Life on Earth."

Classify

each organism into the correct kingdom and then write each one on a blank below.

True Bacteria - \_\_\_\_\_

Archaea - \_\_\_\_\_

Fungi - \_\_\_\_\_

Protists- \_\_\_\_\_

Plants - \_\_\_\_\_ and \_\_\_\_\_

Animals - \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_

Site #4: Classifying Critters

1. What is the name given to animals with a backbone? \_\_\_\_\_
2. Click the *Golden Eagle* to start the online activity. Complete the following statements as you work through each section.

All birds have \_\_\_\_\_

Amphibians are \_\_\_\_\_

Mammals are \_\_\_\_\_

All fish have \_\_\_\_\_

All reptiles are \_\_\_\_\_

Site #5: PBS Classifying Life

1. What phrase is given to help you remember the classification categories?
2. Classify each organism and complete the chart.

**Category Bear Orchid Sea Cucumber**

Kingdom

Phylum

Class

Order

Family

Genus

Species

Site #6: A Touch of Class

To play the game, click on all of the organisms that match the category listed at the top. When you think you have all of them, click to *GO* button to check your answers. Record your scores for each round in the space below.

Category - \_\_\_\_\_ Points Earned = \_\_\_\_\_

Category - \_\_\_\_\_ Points Earned = \_\_\_\_\_

Category - \_\_\_\_\_ Points Earned = \_\_\_\_\_

Final Score = \_\_\_\_\_