

Name:  
Teacher:  
Class:  
Date:

**KEY**

# SCIENCE SAURUS: Classification Notes

Directions: As you read through the passage on “Classification” in *SCIENCE SAURUS*, write down the answer to each prompt or question.

1. On what page does Classification start? \_\_\_\_\_ 150 \_\_\_\_\_
2. What are the five sections in Classification and on what page do they start?
  - a. \_\_\_\_\_ Classification Hierarchy - 151 \_\_\_\_\_
  - b. \_\_\_\_\_ Kingdoms – 152 \_\_\_\_\_
  - c. \_\_\_\_\_ Major Groupings of Organisms – 158 \_\_\_\_\_
  - d. \_\_\_\_\_ Taxonomic Trees – 163 \_\_\_\_\_
  - e. \_\_\_\_\_ Using an Identification Key – 164 \_\_\_\_\_
3. Who were two important people to classify living things into groups?  
\_\_\_\_\_ Aristotle \_\_\_\_\_                      \_\_\_\_\_ Carolus Linnaeus \_\_\_\_\_
4. What are the three domains of living things?  
\_\_\_\_\_ Archaea \_\_\_\_\_                      \_\_\_\_\_ Eubacteria \_\_\_\_\_                      \_\_\_\_\_ Eukarya \_\_\_\_\_
5. There are six kingdoms of living things. List them below.  
\_\_\_\_\_ Archaeobacteria \_\_\_\_\_                      \_\_\_\_\_ Eubacteria \_\_\_\_\_  
\_\_\_\_\_ Protist \_\_\_\_\_                      \_\_\_\_\_ Fungi \_\_\_\_\_  
\_\_\_\_\_ Plant \_\_\_\_\_                      \_\_\_\_\_ Animal \_\_\_\_\_
6. What is an autotroph? \_\_\_\_\_ A “self-feeder;” Can make own food \_\_\_\_\_  
\_\_\_\_\_
7. What is a heterotroph? \_\_\_\_\_ Uses another as a source of food \_\_\_\_\_  
\_\_\_\_\_
8. A prokaryote has NO \_\_\_\_\_ organelles = membrane-bound internal structures \_\_\_\_\_
9. A eukaryote has \_\_\_\_\_ organelles = membrane-bound internal structures \_\_\_\_\_
10. An invertebrate has NO \_\_\_\_\_ backbone \_\_\_\_\_
11. A vertebrate has \_\_\_\_\_ a backbone \_\_\_\_\_
12. “A Taxonomic Tree is used to show the \_\_\_\_\_ evolutionary relationships \_\_\_\_\_  
\_\_\_\_\_ among different groups of organisms.”
13. “A \_\_\_\_\_ dichotomous \_\_\_\_\_ key \_\_\_\_\_  
helps you identify organisms by presenting you with a series of choices.