Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**TEST DATE:**

**Science Unit 1: Classification of Organisms**

**STUDY GUIDE**

**Part 1: Vertebrates**

Be familiar with the characteristics of the 5 groups of vertebrates and give examples of each.

|  |  |  |
| --- | --- | --- |
| Vertebrate Groups | Characteristics | 3 Examples of Each |
| 1. mammals
 |  |  |
| 1. fish
 |  |  |
| 1. birds
 |  |  |
| 1. reptiles
 |  |  |
| 1. amphibians
 |  |  |

**Part 2: Invertebrates**

Be familiar with the characteristics of invertebrate groups and give examples of each.

|  |  |  |
| --- | --- | --- |
| Invertebrate Groups | Characteristics | 3 Examples of Each |
| 1. mollusks
 |  |  |
| 1. arthropods
 |  |  |
| 1. worms
 |  |  |

**Part 3: Vascular and Nonvascular Plants**

Know the differences between Vascular and Nonvascular Plants.

Be able to identify examples of each type of plant.

|  |  |  |
| --- | --- | --- |
| Type of Plant | Characteristics | Examples |
| **Vascular** |  |  |
| **Nonvascular** |  |  |

**Part 4: Unit Vocabulary**

Define each vocabulary word.

* **classification**
* **species**
* **kingdom**
* **vertebrates**
* **invertebrates**
* **gymnosperm**
* **angiosperm**
* **vascular tissue**
* **xylem**
* **phloem**

**Part 5: Unit Concepts**

Be able to explain why scientists use classification systems.

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Describe the classification system of living things: kingdom, phylum, etc. (Textbook page 274)

(King Phillip Came Over For Green Soup ☺)

Be able to identify the function of specific structures.

For example:

Compare/contrast the beaks of these two birds. They have a similar purpose, but the structure and function are different.

