

Taxonomy and the 6 Kingdoms
Webquest

Part I.

Directions: Open the PowerPoint: "Taxonomy," and answer the questions that come from the slides. Make sure you read the slides carefully!

Questions:

1. What is taxonomy? _____

2. Why do we need to classify organisms? _____

3. Who is Carolus Linnaeus? _____

4. What are the 7 Levels of the classification system?
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
5. What two words is the scientific name made from? _____ and _____
6. What is the Genus? _____
7. What is the Species? _____
8. What are your 7 levels of Taxonomy?
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____

Part II.

Directions: Open the website:

http://www.ric.edu/faculty/ptiskus/Six_Kingdoms/Index.htm

Answer the following questions:

1. How many Kingdoms are there? _____
2. List them: _____

3. How are organisms placed in their Kingdoms: (There are 3 reasons listed)
 - a. _____
 - b. _____
 - c. _____

Plant Kingdom:

Draw Example

List 3 Facts about this Kingdom:

- 1.
- 2.
- 3.

What are autotrophs? _____

Animal Kingdom:

Draw Example

List 3 Facts about this Kingdom:

- 1.
- 2.
- 3.

What is the scientific name of the Tiger shown? _____

Archaeobacteria:

Draw Example

1. How did scientists find these bacteria? _____
 2. Where do they like to live? _____
-

Eubacteria:

Draw Example

List 3 Facts about this Kingdom:

- 1.
- 2.
- 3.

How many cells big are Eubacteria? _____

Fungi:

Draw Example

List 3 Facts about this Kingdom:

- 1.
- 2.
- 3.

How are Fungi different from Plants? _____

Protists:

Draw Example

List 3 Facts about this Kingdom:

- 1.
- 2.
- 3.

Do you think Protists have a nucleus? _____

Part III.

Make sure you have answered all the previous questions before completing Part III

Play this matching game here:

<http://www.cstephenmurray.com/onlinequizes/biology/Taxonomy/sixkingdoms1.htm>

Check your Facts about each kingdom with this matching game!