

KINGDOMS & CLASSIFICATION WEBQUEST

Name _____

Part I

Directions: Open the PowerPoint: "Taxonomy Notes" in the unit one folder and answer the questions below 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 phrase can help you remember the 7 levels of classification in order?

5. What two levels of classification is a scientific name made from?

_____ and _____

6. What is a Genus? _____

7. What is a Species? _____

8. What is binomial nomenclature?

9. What are the 7 levels of Taxonomy in order from least specific to most specific?

Part II

Directions: Open the website:

http://www.ric.edu/faculty/pliskus/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

List 3 Facts about this Kingdom:

- 1.
- 2.
- 3.

Give two examples of members of this kingdom:

- 1.
- 2.

What are autotrophs? _____

Animal Kingdom

List 3 Facts about this Kingdom:

- 1.
- 2.
- 3.

Give two examples of members of this kingdom:

- 1.
- 2.

What is the scientific name of the Tiger shown? _____

Archaeobacteria

1. How did scientists find these bacteria? _____

2. Where do they like to live? _____

Give two examples of members of this kingdom:

- 1.
- 2.

Eubacteria:

List 3 Facts about this Kingdom:

- 1.
- 2.
- 3.

Give two examples of members of this kingdom:

- 1.
- 2.

How many cells big are Eubacteria? _____

Fungi:

List 3 Facts about this Kingdom:

- 1.
- 2.
- 3.

Give two examples of members of this kingdom:

- 1.
- 2.

How are Fungi different from Plants? _____

Protists:

List 3 Facts about this Kingdom:

- 1.
- 2.
- 3.

Part III

Complete the table below by the answering the questions in the left column for each of the 6 kingdoms.

	ANIMALS	PLANTS	FUNGI	PROTISTS	ARCHAEBACTERIA	EUBACTERIA
Unicellular or Multicellular?						
Autotrophs or Heterotrophs?						
Sexual reproduction or Asexual reproduction?						
Prokaryotes or Eukaryotes?						
E.coli & Staphylococcus are examples						
Yeast & Mushrooms are examples						
Amoeba & Paramecium are examples						
Blue-green algae is an example						