

# 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?

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2. Why do we need to classify organisms?

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3. Who is Carolus Linnaeus?

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4. What phrase can help you remember the 7 levels of classification in order?

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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?

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

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## Part II

Directions: Open the website:

[http://www.ric.edu/faculty/pliskus/Six\\_Kingdoms/Index.htm](http://www.ric.edu/faculty/pliskus/Six_Kingdoms/Index.htm)

Answer the following questions:

1. How many Kingdoms are there? \_\_\_\_\_

2. List them: \_\_\_\_\_

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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						