

Where do I belong?

Instructions Part 1:

1. Review your sort cards and group them into Domains based on their shared characteristics. Refer to your background reading you previously completed as a reference source if needed.
2. Once you have sorted the cards, have your teacher check your work.
3. Once your work is approved write the name of each item in the columns below and answer the analysis questions.

Domains		
Archaea	Bacteria	Eukarya

Part 1 Analysis Questions:

1. What are the similarities of the Bacteria Domain?

2. What are the similarities of the Archaea Domain?

3. What are the similarities of the Eukarya Domain?

Instructions Part 2:

1. Review your sort cards and group them into Kingdoms based on their shared characteristics.
2. Once you have sorted the cards, have your teacher check your work.
3. Once your work is approved write the name of each item in the columns below and answer the analysis questions.

Kingdoms					
Archaea	Bacteria	Protista	Plantae	Fungi	Animalia

Part 2 Analysis Questions:

1. What are the similarities of the Bacteria Kingdom?
2. What are the similarities of the Archaea Kingdom?
3. What are the similarities of the Protista Kingdom?
4. What are the similarities of the Plantae Kingdom?
5. What are the similarities of the Fungi Kingdom?

6. What are the similarities of the Animalia Kingdom?
7. How are Kingdoms similar or different from Domains?
8. Compare and contrast the characteristics of Kingdom Animalia and Kingdom Bacteria.
9. Why do scientists have a system for classification of organisms?
10. How can knowing if an organism is a prokaryote or a eukaryote assist in classification?