

## Topic: Classification & Bacteria

Learning Objective/Outcome: Describe how scientists organize the living world according to their unique characteristics.

**Keywords/Questions**

**Notes**

Why do scientists classify things?  
Why do veterinarians classify infectious organisms?

Organisms are classified into domains or kingdoms based on them...

The three domains of living organisms are?

Eukaryota includes which four kingdoms?

What are the characteristics of archaea?

What are the extreme variants of Archaea?

Archaea's Kingdom is...?

Eubacteria have what characteristics?

How many bacteria can be created from a single cell in 24 hours?

Which domain contains the most infectious agents?

What are the shapes of Eubacteria?

What are the benefits of Eubacteria in our world?

Prokaryotes refer to which domains? For what reason?

**Summary:**