

Main Topic: Classification & Bacteria

Learning Objectives/Outcomes: Describe how scientists organize the living world according to their unique characteristics

Topic 1: Classification

Topic 2: Eukaryota & Archaea

Topic 3: Eubacteria

Ideas

Why do scientists classify organism?

Why do veterinarians classify infectious organisms?

What are the characteristics used to classify organisms into domains and kingdoms?

Ideas

What are the four Kingdoms within the Domain Eukaryota?

Characteristics of Archaea are?

What is the Kingdom of Archaea?

Archaea adapt very well. Where can they be found on earth and how are those specific types of Archaea classified?

Are Archaea a threat to human civilization? What living Domains are dangerous to us?

Ideas

Characteristics of Eubacteria?

What is the Kingdom of Eubacteria?

List three benefits and one detriment of Eubacteria in the living world...

Prokaryotes refer to which domains? For what reason?

What is the most abundant Domain on earth? Why do you think that is?

Key Vocabulary

Domain(s) –

Kingdom(s) –

Classification –

Key Vocabulary

Eukaryota –

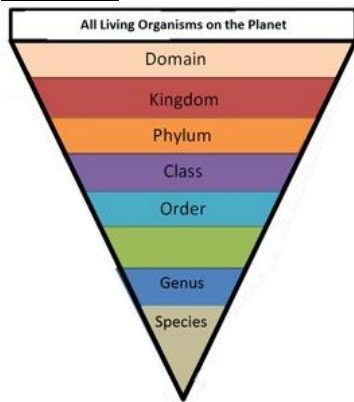
Archaea –

Key Vocabulary

Eubacteria –

Prokaryotes –

Pictures



Pictures



The Great Salt Lake in Utah



Hot Spring at Yellowstone

Pictures

