

Bio 5.2

Goals

- * Differentiate prokaryotes from eukaryotes using visual or other descriptors
- * List features found in Eukaryotes but not prokaryotes

Plan

The history of all life: An introduction to the cell (5 min)

Classification of prokaryotes and eukaryotes (10 min)

Characteristics which distinguish prokaryotes from eukaryotes

Video: prokaryotes and eukaryotes (5min)

Classification exercise worksheet (Remainder)

Bio 5.3

Goals

- * Enumerate the organelles
- * Associate functions of organelles with descriptions

Plan

How are cells organized?

What is in an animal cell (10 min)

Video: Eukaryopolis, crash course (10 min)

In depth look at stories of organelles (10 min)

Video: Grand cell tour, ameoba sisters (10 min)

Storytelling and understanding cells (5 min)

Activity: Alternative stories about cells (Remainder)