

# The FRAME Routine

## Key Topic Cell Theory

is about...

a scientific explanation of the nature of cells.

### Main idea

All living things are made of cells provide examples

### Main idea

Come from other cells through reproduction

### Main idea

Basic unit of life which maintain homeostasis

### Essential details

Amoeba

### Essential details

Asexual



### Essential details

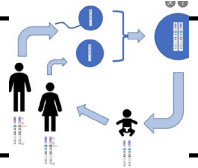
Flagella for movement to hunt

*Single-celled*

*Multicellular*

Elephant

Sexual

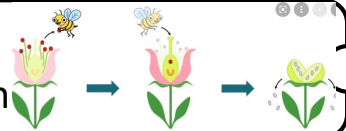


Cellular respiration – cell membrane lets out CO<sub>2</sub> and takes in O<sub>2</sub>

*Plant*

Bird of Paradise

Sexual –  
pollination



Photosynthesis – autotroph

*Fungi*

Mushroom

Asexual -  
deposits spores



Use nerve endings to respond to environment to survive

### Extension:

Students randomly select an organism to explain how each part of Cell Theory applies.

### So What? (What's important to understand about this?)

Cell theory helps us understand how cells of all organisms have the same processes/jobs to keep balanced to stay alive!