

\*note that this is what is generally covered, there WILL be more topics or we may explore a topic in depth

#### Day 1

Getting to know each other

Review of basic chem / general characteristics of life

Macromolecules, and their monomers(functions and structure)

Blooket

#### Day 2

Review of day 1

Enzymes (key functions to the cell)

Cell organelles ( mainly focusing on their function and going over the lipid bilayer(cell membrane) and how it controls substances moving in and out)

Blooket

#### Day 3

Review day 2

Photosynthesis and cell respiration ( going over key components in organelles, going over both cycle and how they work, how atp is used and created)

Blooket

#### Day 4

Review day 3

DNA replication ( how it is copied and turned into rna to produce amino acids and proteins )

cell division ( going over mitosis and meiosis)

Blooket

#### Day 5

Review

Genes (how traits are passed down Autosomal Dom/Recess and X Linked)

evolution (theory of evolution, mutations, gene pool, survival of the fittest, and adaptation, etc)

All work due