

Vocabulary

| Word | Definition |
|----------------------|---|
| Asexual reproduction | reproduction in which a single parent produces offspring that are genetically identical to that parent. |
| Autotrophic | organism that makes their own food by using energy to convert inorganic molecules into sugars; ex: plants makes their own food through photosynthesis |
| Classification | systematic grouping of organisms into categories on the basis of evolutionary or structural relationships between them; taxonomy |
| Domains | three primary divisions of living systems, consisting of the eukaryotes, bacteria, and archaea, that rank above a kingdom in taxonomic systems that are based on similarities |
| Eukaryotic | organisms that contain a nucleus and membrane bound organelles |

Vocabulary

| | |
|-----------------------------------|---|
| Extremophiles (archaebacteria) | an organism adapted to living in conditions of extreme temperature, pressure, or chemical concentration, as in highly acidic or salty environments. |
| Heterotrophic | organisms that obtain their nutrients or food from consuming other organisms |
| Kingdom | classification into which living organisms are grouped in Linnaean taxonomy |
| Multi-cellular | An organism made up of more than one cell. |
| Prokaryotic | organisms that lack a nucleus and membrane bound organelles |
| Sexual reproduction | reproduction that requires two parents and produces offspring that will share traits from both parents. |
| Taxonomy | the study of how scientists classify organisms |
| Unicellular | an organism made up of only one cell. |

Eubacteria – a classification kingdom made up of all modern bacteria except archaebacteria

Vocabulary

Word

Key Word

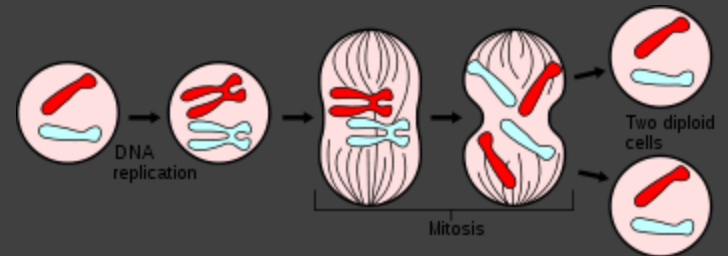
Asexual Reproduction

Division

Definition

Drawing

Reproduction in which a single parent produces offspring that are genetically identical to that parent.



<http://en.wikipedia.org/wiki/Mitosis>