

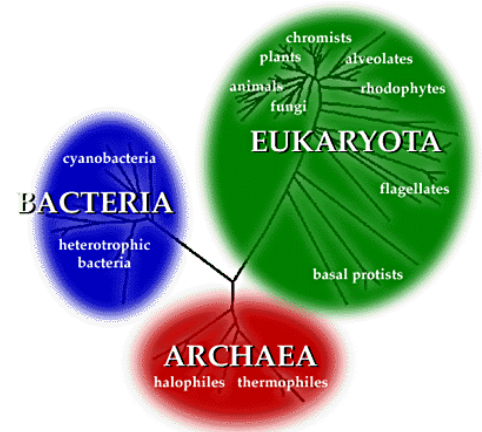
1:3 Themes in Biology

These themes in Biology link isolated facts and ideas in the science.

THEMES IN BIOLOGY

1. Diversity and Unity of Life

- Life is extremely diverse, yet living things all have similar characteristics
- Three domains of life



2. Interdependence of Organisms

- Organisms interact with each other and need each other to survive
- SYSTEM: separate parts interacting to function as a whole
- INTERACTION: the action or influence of people, groups, or things on one another



3. Evolution of Life

- EVOLUTION: the gradual change in characteristics of species over time

- **ADAPTATION**: any characteristic that allows an organisms to better survive in an environment
 - Better ability to adjust
 - Structural, behavioral, or internal process

