

Characteristics of Life Notes

- Six Characteristics all living things share
 - 1. _____
 - _____ – any living thing
 - _____ – basic unit of structure and function in all living things
 - Unicellular – _____
 - Multicellular – _____
 - 2. Similar Chemical Make Up
 - Water - _____
 - _____ - cell's main energy source
 - Proteins and Lipids - _____
 - [Nucleic Acids](#) - _____
 - 3. _____
 - 4. Response to surroundings
 - **Stimulus** – _____
 - _____ – an action or change in behavior
 - 5. _____
 - **Growth** means getting bigger or adding parts
 - **Development** means there is a change that occurs over the organism's life
 - 6. Reproduction
 - _____
- **Francesco Redi** - _____
 - **Spontaneous Generation** – _____
 - _____ - Life comes from preexisting life

- **Louis Pasteur** - _____

- **Four Basic Needs**

- _____

- _____

- **Autotroph** - _____

- Example: _____

- **Heterotroph** - _____

- Example: _____

- _____

- _____

- _____ – the maintenance of stable internal conditions