

## What Is Life?

### Characteristics of living things

- living things = ORGANISMS
- share 6 characteristics

### Cellular Organization

- made of cells (small, microscopic)
- single celled or multi celled
- Cells → tissues → organs → systems

### Chemicals of Life

- made of chemicals
- ex. H<sub>2</sub>O, carbohydrates, protein, lipids (fats), nucleic acids (DNA)

### Energy Use

- use energy to grow, live, repair, etc.

### Response to Surroundings

- "move"
- stimulus → response

### Growth and Development

- grow larger or changing (life cycles)

### Reproduction

- more cells or more "selves"

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