**Needs of Living Things Notes**

All living things need:

1. Food
2. Water
3. Living Space
4. Stable internal conditions – called homeostasis

The Needs of Living Things

Key Concept: All living things must satisfy their basic needs for food, water, living space, and stable internal conditions.

1. **Food**

* Living things need food to get the energy to live.
* Some living things use the energy from sunlight to make food. Living things that make their own food are autotrophs (AW toh trohfs). Plants are autotrophs.
* Living things that cannot make their own food are heterotrophs (HET uh roh trohfs). Heterotrophs get energy by feeding on other living things. Animals are heterotrophs.

1. **Water**

* Living things must have water to live. Water dissolves body chemicals and carries the chemicals through the body.
* Cells, the spaces between cells, and blood are all primarily made up of water

1. **Living Space**

* All living things need a place to live. Living things must get food, water, and shelter from where they live.

1. **Stable Internal Conditions**

* Maintaining stable internal conditions is called homeostasis (home e o stay sis)
* A living thing must be able to keep the conditions inside its body stable, even when conditions around it change. For example, your body temperature stays the same even when the air temperature changes.