

# Energy Transfer- Chemical Energy

## Chemical Energy

Chemical energy is a form of energy that is stored in the bonds between atoms and molecules.

Atoms are the basic building blocks of all matter. They can be combined with other atoms to form molecules.

Chemical energy is what holds the atoms in a molecule together. It is also what holds molecules in a substance together.

**Activity:** Discuss these fun facts about chemical energy.

1. The food you eat contains chemical energy. When you eat a piece of candy, that chemical energy is released into your body and gives you energy.
2. Atoms are the smallest unit of any object in the universe. You cannot see them with your eyes, but they are all around you.
3. Food, coal, wood, natural gas, and chemical batteries all contain chemical energy.

