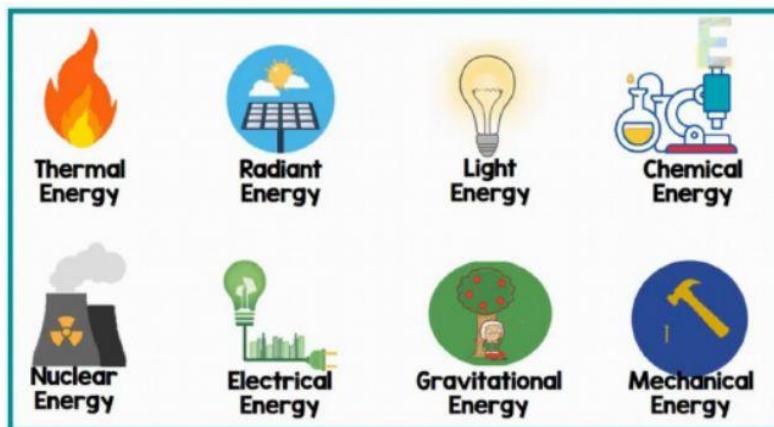


Types of energy

Energy is **everything that produces changes in things**.

There are **many types of energy**. The main types are:



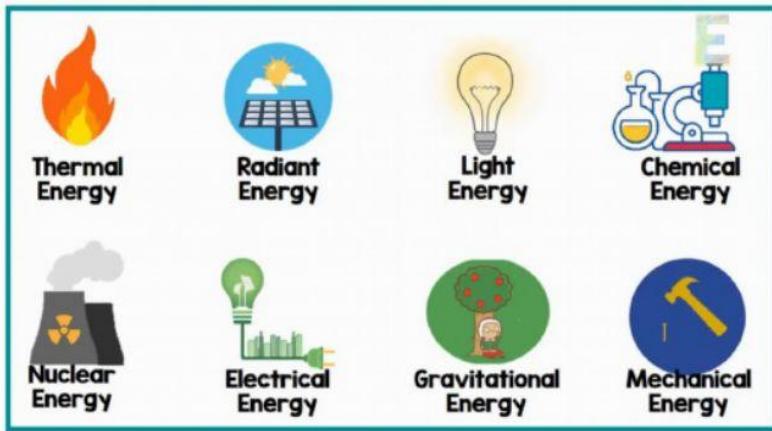
Thermal energy. It is **produced** when there is a **rise in temperature** that causes **atoms and molecules** to move **faster** and **collide with each other**.

It can be **found** in a **hot pot**.

Radiant energy. It is a **form of electromagnetic energy**. It can be **found in x-rays** and the **sunshine**.

Light energy. It is a **form of electromagnetic radiation** of a **wavelength** which **can be seen by the human eye**. It can be **found** in **candles or lamps**.

Chemical energy. It is **stored**. When a **chemical reaction** takes place, it **released**. It can be **found** in **batteries**.



energy. It comes from the nucleus of atoms. It is released during nuclear fusion. It can be found in nuclear plants.

energy. It is generated by the movement of electrical charges called electrons. It can be found in a storm, in lightnings.

energy. It is the energy associated with gravity. When something is in a higher position its gravitational energy is high.

energy. It is the type of energy an object acquired due to its motion or position. It can be found in a moving car.