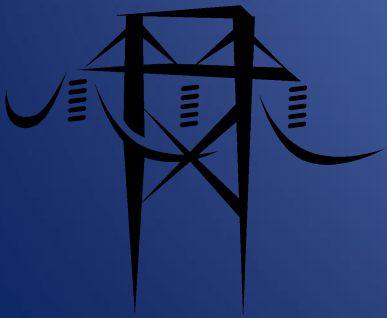




Electricity



Electricity

- Electricity is very important in our lives.
- We would find it very hard to do without it.
- There are so many things in our homes that are powered by electricity that we have begun to depend on them.
- Imagine you woke up this morning and had no electricity.

What difference would it make to your normal morning routine?



Learning Outcome

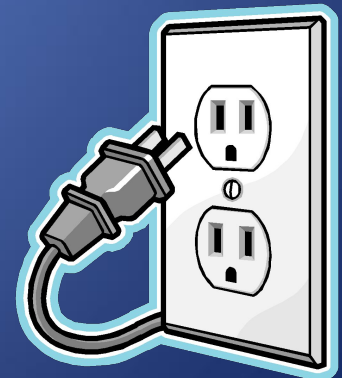
Today we are learning to:

- give examples of energy being converted from electrical energy into heat, light, sound and movement energy.



Mains Electricity

- Most of the large appliances in our home are powered by Mains Electricity.
- Mains Electricity is a supply of electrical energy
- Mains appliances change or **convert** this electrical energy into other forms of energy
- Can you name them?

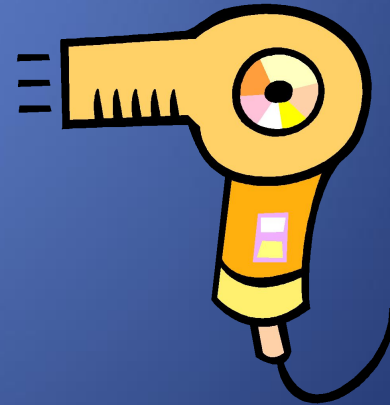
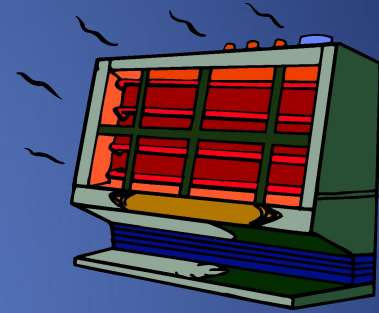


Types of Energy

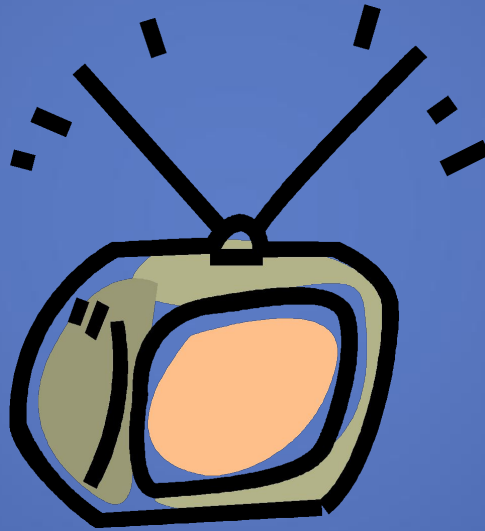
- Heat energy
 - Light energy
 - Sound energy
 - Movement energy
-
- Can you think up some examples for each type of energy?



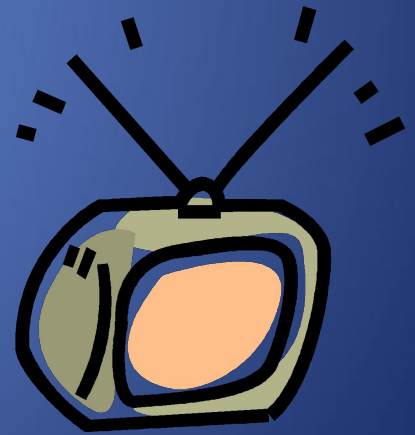
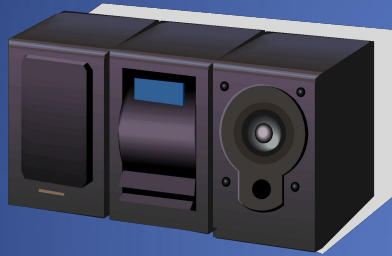
Heat Energy



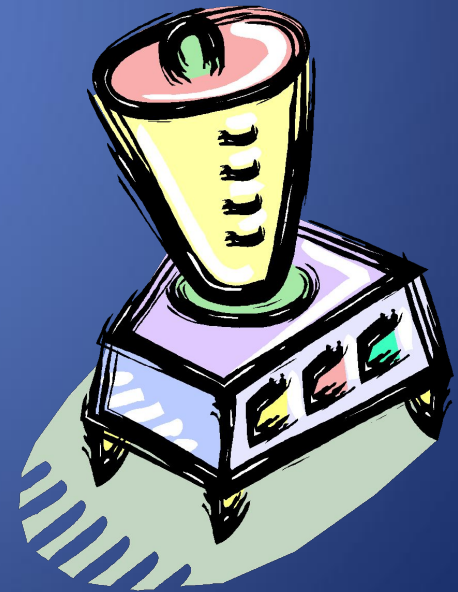
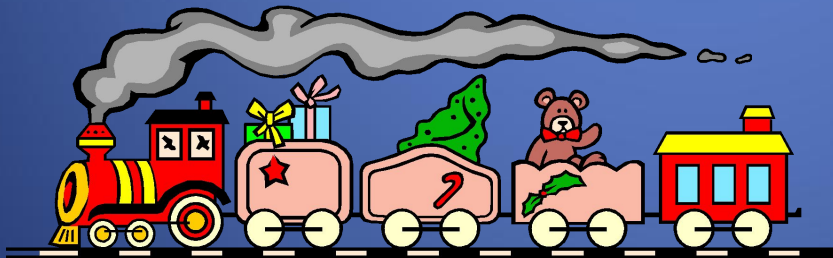
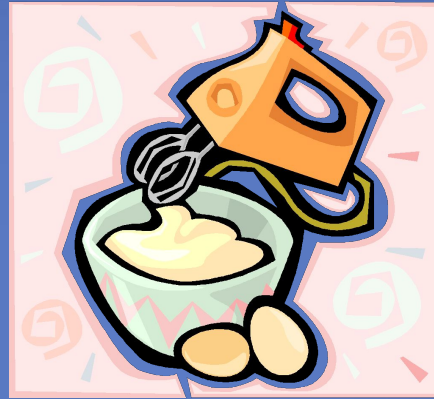
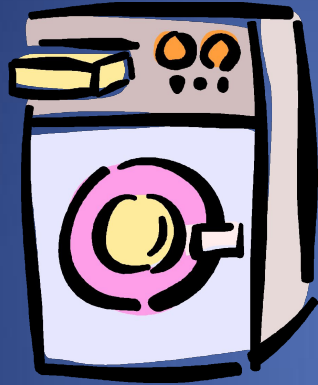
Light Energy



Sound Energy



Movement Energy

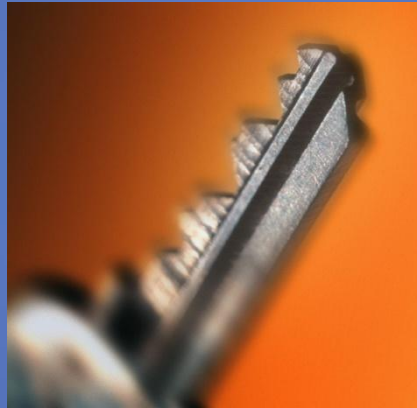


Battery Power

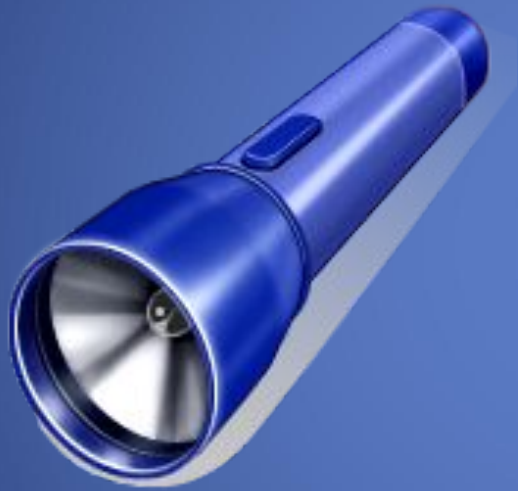


- Many small electrical appliances use batteries.
- Batteries are also a source of electrical energy
- Battery powered appliances also **convert** electrical energy into heat, light, sound and movement energy
- Can you think of some battery powered appliances for each source of energy?

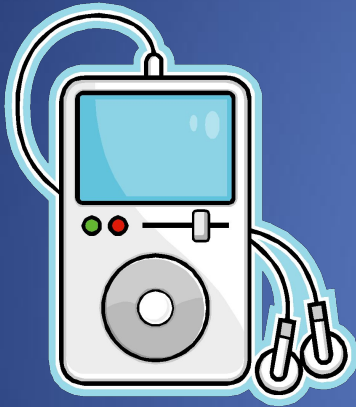
Heat Energy



Light Energy



Sound Energy



Movement Energy

