



Electricity



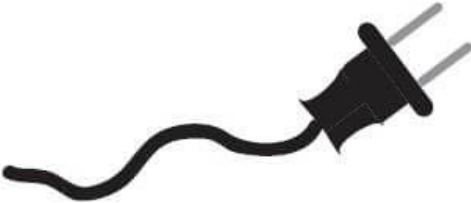
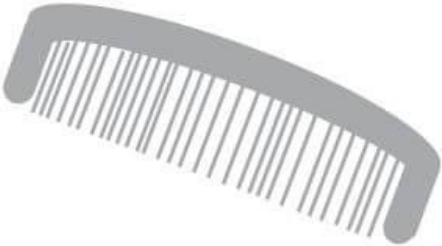
by Dmitry Kosykh

What is electricity?



Electricity is one of the most important forms of energy

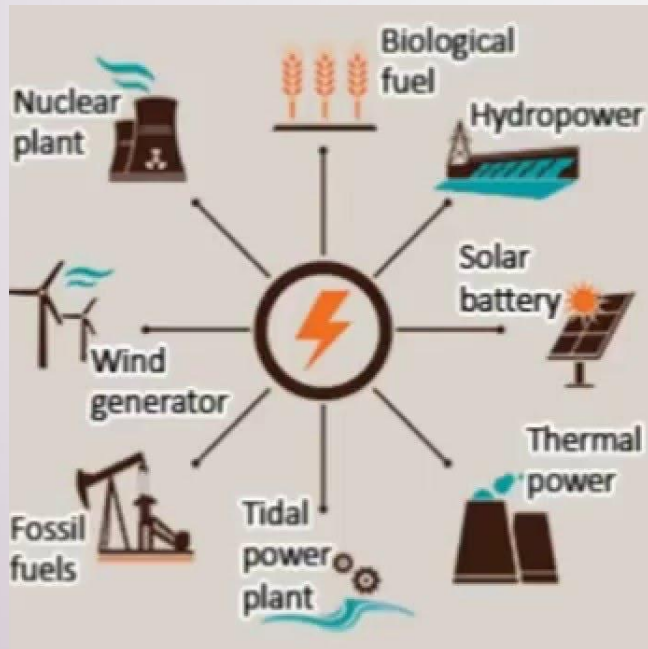
Classification

Balloon Rubbed Against a Rug 	A Battery 
Electrical Cord 	A Comb Run Through Long Hair 

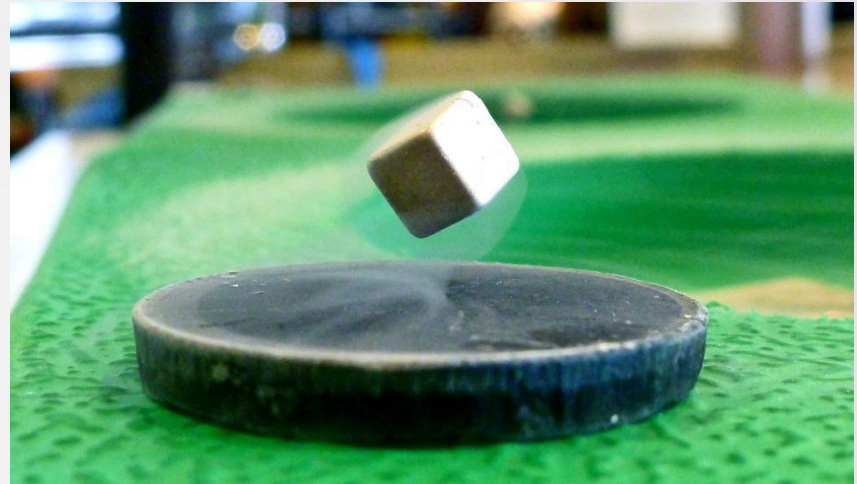
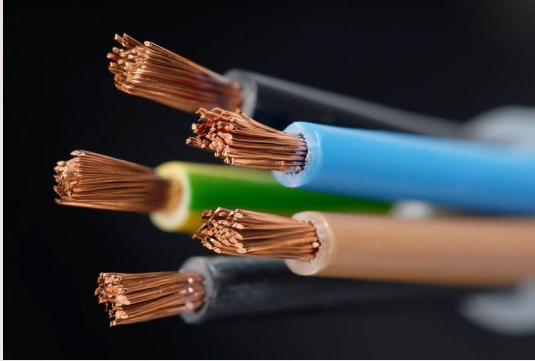
Electricity is sometimes classified as *static electricity* or *current electricity*.

Sources of electricity

The main sources are generators, batteries, and solar cells

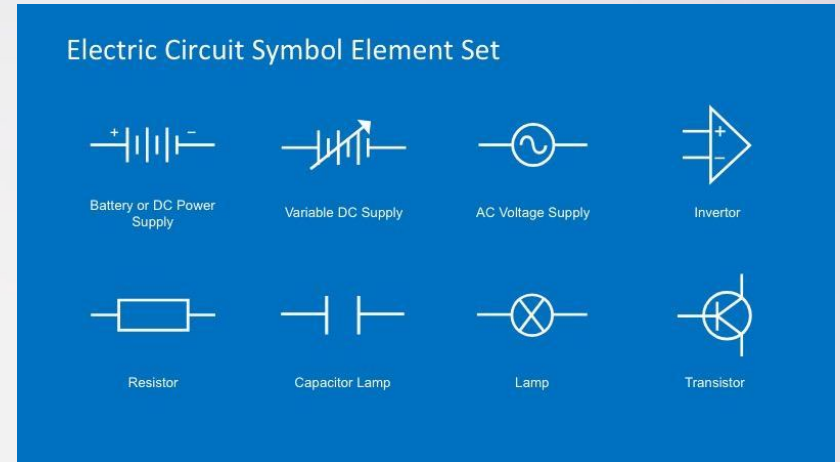
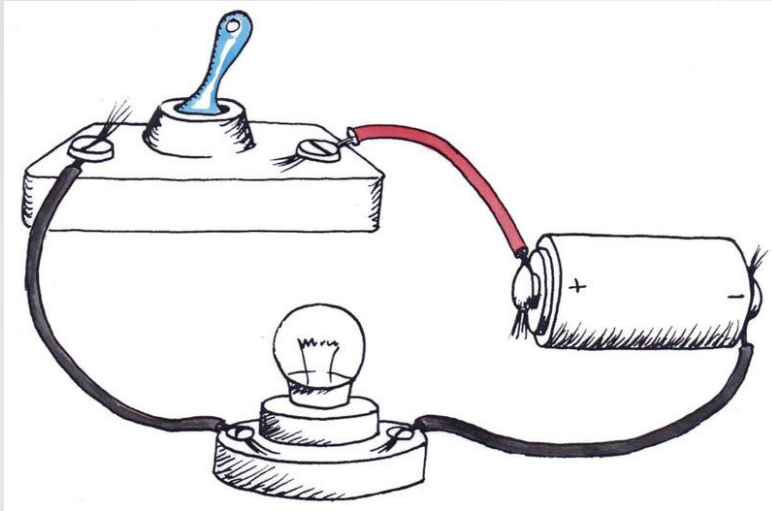


Principles of operation



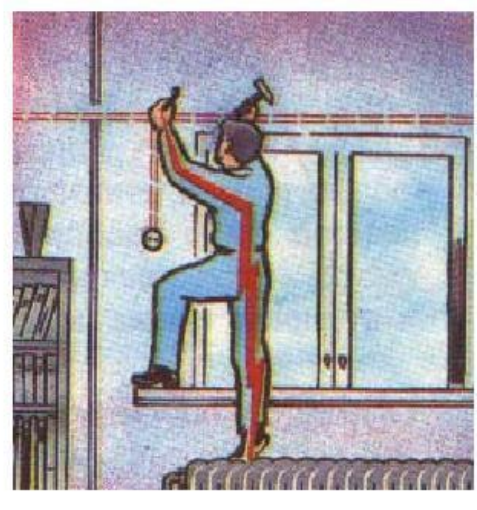
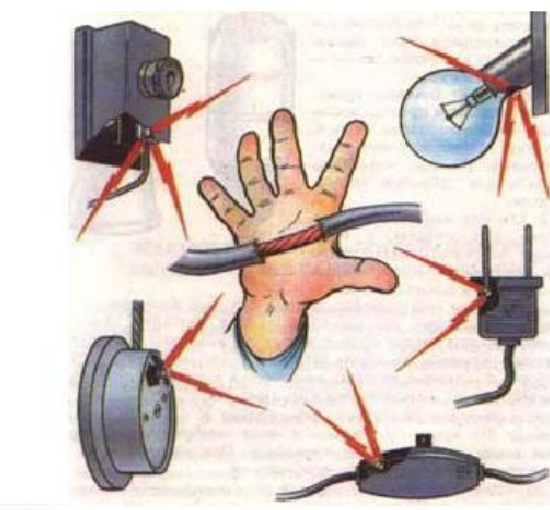
A substance that conducts electricity must contain charged particles that are free to move.

Electric circuit



An electric current travels over one or more paths called an electric circuit.

Useful, but dangerous





Thanks for your
attention