

Activity: Create a poster explaining what electricity is and how we can stay safe around electricity.

**Red** - Use the sentences to help you create your poster.

**What is electricity?**

- Electricity is the flow of an electric charge from place to place; this is called a current.
- Electricity is measured in watts and kilowatts.
- We use electricity every day in our homes. We can power lights, TVs, computers, fridges and ovens, all thanks to electricity!
- Even small appliances, like TV remotes, that use batteries are powered by electricity!

**Why is electricity dangerous?**

- Being careless with electricity could cause an electric shock. In the worst cases, a person can die from an electric shock.
- It's very important that electrical appliances are kept away from water sources as this could result in an electric shock.
- Fires can be caused if electrical equipment is damaged or incorrectly used.

**How can we stay safe around electricity?**

- Never put your fingers in plug sockets.
- If you need to unplug equipment, turn off the switch on the socket and then carefully take the plug out. Don't try to yank it out!
- If you notice an electrical wire is damaged, you must tell a grown-up straight away.
- You should take great care when walking near pylons, making sure you don't get too close. You should never climb a pylon.

**Yellow** - Use the word bank to help you create your poster. Remember to look back at today's lesson slides to remind you of the information.

Flow of electric charge	Water	Electric shock
Pylons	Current	Powers appliances such as...
Unplug equipment	Fires	Watts and kilowatts

**Green** - Create your poster. Refer back to today's slides to remind you of information that you could include.