



# Year 4 Electricity Homework Menu



## Science

Electricity can be very dangerous. Using your knowledge of electricity, design a poster to teach younger children about how to stay safe around electricity. Include scientific words on your poster. Can you include a range of sentence types?

## History

Use your research skills to create a timeline of at least 5 important discoveries related to electricity throughout history. Some ideas you find out about...

1. Benjamin Franklin's Kite Experiment
2. Alessandro Volta's battery

## PE

Can you create a dance routine that represents the flow and energy of electricity? Use your imagination to include movements that represent electrical concepts.

<https://www.youtube.com/watch?v=yvc4lsmCmy4>

## ICT/DT

Research three different types of torches used today, including their key features, power sources, and functions. Can you create this using a document on the computer? Try and copy and paste a picture from the internet.

## English

Write a set of instructions for safely using a household electrical appliance, like a toaster or lamp. Include clear steps and safety tips, making sure to use correct punctuation and sequence words (e.g., first, next, finally).

## Art

Create a poster to show the journey of an electric current through a circuit. Draw a simple circuit with a battery, wires, and a light bulb, showing how electricity flows from the battery to light up the bulb. Use bright colours to highlight different parts of the circuit and include labels and arrows to explain the path of the current. Add captions to describe each part of the circuit and how it works.

## Science/English

Investigate who invented electricity and create a fact file about them. Use your IT skills to present this in any way you desire! Can you include emotive language to encourage others to read your fact file? Don't forget to include an introduction and some relative clauses.

Choose an activity to complete this half term. Feel free to do more than one if you wish! The deadline for this is

**21st October 2024.**

If you finish before, you can submit it in any time before this date.