

It's Electrifying Autumn 2

Geography

In Geography I am going to be learning about:

- Investigating what a settlement is and why do people choose to live where they live.
- Explore the differences between a village, town and city
- Comparing city and country life and looking at the similarities and differences
- Exploring a range of aerial images and maps to see if we can identify the key cities in the UK based on the light pollution
- Investigating the different types of pollution, we experience and ways can help reduce this
- Looking at different types of renewable energy and examples in key locations of the UK.

History

In History are going to be looking at famous mountaineers throughout history.

- How electricity has changed the homes with live in today and how much we rely on appliances
- Thomas Edison and the invention of the lightbulb



Design Technology

In DT I am going to be designing, making and evaluation their very own torch.

- Investigate torches, their uses and history
- Find the features of a torch by looking at a wide variety of examples.
- Learning about torch casing and using these in their designs.
- Exploring and trying different types of fastenings and ways we can protect wires in electronic devices.
- Creating their own circuits, using a switch and housing it in a casing.
- Evaluating their torch against their design and criteria.
- Testing their own torch to see how it compares with existing products.



Key Vocabulary

Battery	village
Bulb	town
Buzzer	city
Circuit	coastline
Conductor	Pollution
Current	human
Electricity	physical
Motor	congestion
Static	urban
Electricity	Wind
Switch	rural

Extra-Curricular Activities

At home: Electricity hunt- Can the children find sources of power and locate appliances that use electricity?

Places to visit: The Science Museum London, Electrical and lighting shops.

Useful websites: <http://www.primaryhomeworkhelp.co.uk/revision/Science/electricity.htm>
<http://powerup.ukpowernetworks.co.uk/powerup/en/under-11/> <https://www.bbc.co.uk/bitesize/topics/zi44jxs>