**Home Learning – Year 4**

**Science - Electricity**

In Science this term we have been learning about electricity and its uses. Below are some activities to get you thinking about the subject

**Week 1 – Uses of electricity**

1. Can you identify and record in your book all the devices or appliances in your house that use electricity? Sort them into two groups: battery powered and mains powered.

**Challenge 1:** Can you identify what the device or appliance converts electricity into? E.g. Light, Sound, Movement, Heat

**Challenge 2:** Design you own electrical device which would make life at home easier. E.g. a machine that wakes you up and makes your breakfast!

<https://www.bbc.co.uk/bitesize/topics/z2882hv/articles/zcwnv9q>

**Week 2 – Conductors and Insulators**

Read this web page and try the activities

<https://www.bbc.co.uk/bitesize/topics/z2882hv/articles/zxv482p>

1. Can you design a safety poster that shows why you should never take the cover off an electrical item? What does the cover do? What might happen if the cover wasn’t there?

**Week 3 - Circuit Diagrams**

Read these web pages and try the activities

<https://www.bbc.co.uk/bitesize/topics/zq99q6f/articles/zt8vg82>

<https://www.bbc.co.uk/bitesize/topics/zq99q6f/articles/zs7g4j6>

1. Now have a go at drawing your own circuit diagrams. Can you include any or all of the following: a bulb, battery, buzzer, switch (open), switch (closed), motor.

**For an easy way to find the above web pages, type “bbc bitesize electricity ks2” into Google and follow the links.**

**Home Learning – Year 4**

**Topic – Romans**

In Topic this term we have been learning about the Romans. Below are some activities for you to do to help you continue your learning.

**Week 1 - Compare old and new**

1. Write a report comparing how life was different in the Roman Empire compared to today. Use the following headings:

Home, Food, Sport, Entertainment, Religion

**Challenge**: What was the Colosseum? Did they build anything like this in Great Britain?

<https://www.bbc.co.uk/bitesize/topics/zwmpfg8/articles/z2sm6sg>

**Week 2 – What did the Romans do for us?**

1. There are many things which the Romans introduced to Britain. Create a fact sheet or poster to show all of these things. Use lots of drawings.

<https://www.bbc.co.uk/bitesize/clips/zwjhfrd>

**Week 3 – Roman Legacy**

1. You’ve already visited one of the most famous Roman sites in Britain. Can you identify 10 other famous Roman locations or landmarks in the UK?

**Challenge 1:** Write a few sentences for each location to say what they are famous for. What remains there now?

**Challenge 2:** Can you create a map with the locations on?

<https://www.historic-uk.com/HistoryMagazine/DestinationsUK/RomanSites/>

Other Useful Websites

<https://www.dkfindout.com/us/history/ancient-rome/>

<https://www.italyguides.it/en/lazio/rome/ancient-rome/colosseum>

<https://rome.mrdonn.org/>

<http://www.primaryhomeworkhelp.co.uk/Romans.html>