

# Year 4 Home Learning

Our **science** topic this half term is **Electricity**. The children will be finding out about different appliances that use electricity, and will be making simple circuits using a bulb, a battery and a switch. We will also investigate conductors and insulators.

Our history topic this half term will continue to be **The Stone Ages**. We will also learn about the **Mediterranean regions** in Geography.

**Wider  
Curriculum**

## Proper Project

Scientists are hard at work developing new technologies to help produce cars that run solely on electricity. These cars are already available to the public but are constantly in the process of being re-invented and improved. If you could have an electric powered form of transportation, what would it be?

Would you have electric shoes, skateboard or even an electric powered hang glider to get you from place to place?

Design an electric form of transportation. Think about how it would work and where would it draw power from. Would it run on batteries or off the mains? Could it generate its own electricity through solar panels, hydrogen cells or wind turbines?



## Create 'n Make

During the Stone Age, people made simple hand-axes out of stones. They made hammers from bones or antlers and they sharpened sticks to use as hunting spears.

Go to a local park and collect some natural materials, such as stones and sticks. Use them to make a Stone Age weapon. Once you have made your weapon, write a set of instructions explaining how you made it, step by step.



## Geography

Can you find out some interesting facts about countries near to the Mediterranean Sea?

Create a fact file about a Mediterranean country, including a map, flag, and some information about food, culture, currency, population, weather and climate.

## Let's talk...

There can be many times in life where we feel cross and upset. It might be that something unfair has happened or we feel left out by our friends. These can be difficult feelings to manage.

Think about any examples you might have, either in school or at home, when you became cross or sad. Did you do anything to cheer yourself up or make the situation better? Have you ever helped someone else manage these emotions and how?

Talk to an adult at home about this.

## Dance challenge!

Even though our winter play is on hold for now, we will still be learning a dance routine this half term that we will record and enter into a competition. At home, choose a piece of music that you like. Can you clap to the beat? Create a short dance routine that lasts for 16 beats of the music. We'd love to see you perform it in class!