

# Year 4 Home Learning

## Topic & Science

**History:** Our new topic is 'Roman Britain'. We will cover the Celts, Caratacus and Boudicca, and ask 'How was Britain influenced by the Romans?' We will also learn about the collapse of Roman rule in Britain.

**Science:** We will be learning about 'The Science of Sound'. We will learn how sounds are made, travel and how our ears work. We will learn how to define the volume of a sound and learn about pitch.

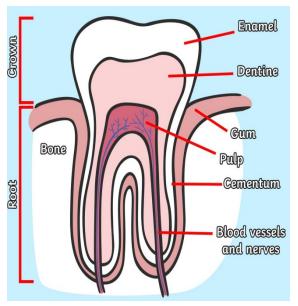
**Geography:** Earthquakes - we will learn about why earthquakes happen, the effects of earthquakes and how we can adapt our buildings to survive them.

## Proper Project Human Body

In science, we conducted an experiment to test which liquid breaks down teeth the fastest. We learnt that teeth have a very important role in the digestive system and that we need to look after them!

At home, can you find out more information about teeth? Use a mirror to look inside your mouth. How many teeth do you have? Are some missing? Which teeth are adult teeth and which are still milk teeth? Write a report of how many incisors, canine, premolars and molars you have. Make sure you label them carefully as milk teeth or adult teeth. You can also draw a diagram to go along side this.

**Investigate further:** Research what the inside of a tooth looks like. Draw a cross section of a tooth and label it carefully.



## Geography

Buildings that are designed to be earthquake-proof often have the following features:

- Deep foundations
- X-shape supports
- Emergency shut off switches
- Thin walls with steel bars
- Sprinkler system
- Shock absorbers
- Shutters on windows



Using things you have around your house, design and make your own earthquake-proof building. Can you find a way to test its strength?

## Out and about...

You could visit the Science Museum to find out more about states of matter, sound, and natural disasters. You could also do a local visit Highgate Woods, where a Roman kiln was discovered!

## 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?