



Technology and Innovation



Year 5 Spring / Summer

Essential Question: How does technology improve our lives?

Call to action: Design a product that makes your life easier.

About this unit: This term we will be learning about technology and innovations throughout history since the Stone Age. We will be studying how Stonehenge was built and comparing this to structures in Ancient Egypt at the same time.

Moving on from this, we will explore: the Romans and their innovations looking at how they made their lives easier; major technological changes during the Industrial Revolution period and innovations during Victorian times.

We will then move on to modern technology and look at whether technology is always a good thing, for instance, discussing how mobile phones can have positive and negative effects.

Finally, we will design a new product that solves a modern day problem. The ideas will then be presented and pitched to leading industry experts with the winning design earning a prize.

English:

We will be writing an instructional text focusing on the text, '101 ways to become a superhero ... or supervillain'

Children will also use the short video 'Paraphernalia' to create an exciting narrative.

Children will research famous innovators throughout history and choose one to write a biography on.



Maths: During this half term, we will be focusing on multiplication and division. The children will learn to use factor pairs and commutativity in order to improve their fluency and understanding. They will also learn to multiply two and three digit numbers by a one digit number.

Reading

Children will bring home 5 spellings to learn each week to be tested on a Monday. Children will have a colour banded reading book or an accelerated reader reading book. Please make a note in your child's planner when they have read to you at home or encourage them to do this themselves.

and

Spelling:

Home learning task:

Children should choose an item of modern technology that they use (eg television, telephone, lightbulb, car) and research its development through time.

Children could present their research as a pictorial or written timeline or as a piece of writing focused on an inventor.

Remember to include who invented the technology and when major changes happened. Please bring in to school by Friday 12th February.