

Introduction

Children will be coming into school as historians. They will be in role as inventors and they will be exploring inventions that have helped people to communicate throughout history. The children will be invited into the emporium where there will be a huge table with objects on. The objects will be covered in a blanket and children will feel the objects underneath and guess what they are. In the afternoon children will be set their task for the term; to invent their own communication device to send secret coded messages to other people. They will keep all of their research and plans in an inventors log book.

At the end of the topic, children will make their devices and send a coded message to each other.



Learning Overview

Having uncovered the objects, children will choose their favourite and become experts about the object. They will use their research skills to find out about their objects. The children will continue to stay in role as historians and will begin to explore chronology and time. They will look at revolutionary inventors such as Alexander Graham Bell and their amazing inventions and how they have impacted and ultimately changed the world! In their design and technology lessons, children will plan, design and make their own invention- a periscope. They will be applying their maths skills of measurement, their art skills of drawing and sketching and their scientific knowledge of light for this activity.

In their writing lessons, children will use the story 'Papa's mechanical fish' as inspiration to write their own story.

Finally, having been inspired by the codebreaker Alan Turing, the children will apply their knowledge of reflection and light to invent a contraption that will transport a coded message around a corner to be read by others who will unlock a code. The inventions will be displayed in a class information book.

In other areas of the curriculum the children will be working on multiplication and division. In RE the children will develop an understanding of personal beliefs and values. In I.C.T., the children will be learning about communication online.