

Sound the Alarm

Spring Term 2

This topic has been designed to explore how circuits work and build on the children's scientific enquiry skills and vocabulary. The children will design and make a vault to protect the school's Roman pottery. At the end of the topic the children will be involved in a 'Dragons Den' presentation where they will use their persuasive skills to present their ideas to a panel.



English

During this topic the children will focus on developing their persuasive writing skills in order to market their products. The children will also be writing instructions for how to work their vaults and security systems. In addition to this, they will also be writing a biography about Benjamin Franklin, the 'father' of electricity.



Maths

In Maths, the children will continue to develop their understanding of fractions, focusing on adding and subtracting fractions as well as finding families of equivalent fractions. Also, the children will be learning how to calculate area of shapes.



Science

This half term the children will further develop their scientific enquiry skills whilst exploring electrical circuits. Again, this will link closely to their final project where they will create a vault. The children will be able to investigate the effects of changing components within a circuit, electrical conductors and insulators and how switches work.

DT

As part of this topic the children are going to design and build a vault in small groups. The children will need to plan, design, build and evaluate their own vaults, thinking carefully about structure and support.

Computing

In computing, online safety will focus on Public Profiles and how to manage and deal with situations where they are contacted or experience situations that make feel unsafe. During computing lessons, the children will be creating PowerPoint presentations for their pitches to the Dragon's Den.

RE

This half term we will be thinking about the Parables of Jesus, loving thy neighbour and the lives of well-known Christians. We will also be revisiting the Easter story.

PE

In PE the children will be using apparatus when travelling. The children will be traveling over, under and through apparatus as well as practising and performing point and patch balances whilst on apparatus.



SMSC

This half term we are going to be focusing on working as part of a team through team building activities and within their DT and Science work.



Ways to help at home

Please continue to support your child with their weekly homework, spellings and times tables. You can also help your child by encouraging them to read daily. Reading to an adult and discussing a book is really beneficial to their learning.