

DT: Steady Hand Game

Light it up
Electrical Systems
Simple circuits and switches
Children will study a variety of lights, describing some of their features, e.g. the way they reflect light, how they are designed to be free-standing. They may then label and describe the features of a light, or examine a variety of different lights.



Topic Map: Year 5 Term: Autumn 2

TITLE: Joy



Computing

Coding & Scratch

In this unit the children will use select, use and combine a variety of software (including internet services and scratch) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals.

Music

Children will learn songs for their Christmas nativity, focusing on vocal technique, confident performing and harmony.

History

Battling Britain

In this topic, children will be creating their own personal timeline and mapping out key events in wider history.

They will learn the causes and consequences of the wars that Britain has been part of. Children will gain an understanding of the roles women played in the WW2 and how they changed they will also learn about some of the key figures in WW2.

R.E

Advent is a time when we appreciate the love in our lives and prepare to celebrate love becoming a reality in the person of Jesus. Christians at Christmas celebrate the gift of Jesus, given by God as a sign and expression of God's love. Giving and receiving reflects the truth that all life is given by God and life is given meaning through the gift of Jesus.

PE - Gymnastics

In this unit, pupils create longer sequences individually, with a partner and a small group. They learn a wider range of actions such as inverted movements to include cartwheels and handstands. They explore partner relationships such as canon and synchronisation and matching and mirroring. Pupils are given opportunities to receive and provide feedback in order to make improvements on their performances. In Gymnastics as a whole, pupils develop performance skills considering the quality and control of their actions.

Spanish

Children will learn about Clothes (uniform) + time. Children will listen to the 'Get Dressed Robert' story . (listening comprehension) They will also learn about clothes linked to Christmas. In relation to time the children will learn about $\frac{1}{4}$ past and $\frac{1}{4}$ to, and will continue to develop their counting skills to numbers to 69 counting in 2s/5s/10s.

PSHCE

Celebrating Difference

Children will explore the differences between direct and indirect types of bullying and can offer a range of strategies to help themselves and others if they become involved (directly or indirectly) in a bullying situation. They will recognise why racism and other forms of discrimination are unkind and express how they feel about discriminatory behaviour.

WOW Experiences

KS2 Nativity

Class Novel

Room 13 - Robert Swindells

English

SPaG

Children will study several spelling patterns this term including *cious, tious, ial, and ant*.

Our class focus this term for punctuation and grammar will be covered through daily sentence accuracy sessions. We will be learning about how and when to use modal verbs or adverbs to indicate degrees of possibility, using commas to clarify meaning and using expanded noun phrases to convey complicated information.

Narrative

In this unit, children will be building up to complete a first-person narrative of an important event.

Throughout the read to write topic they will move through the four stages and will be immersed in the Vehicle text of 'FARThER'. Children will make predictions about what will happen within the story and will discuss and learn new vocabulary that is used in both the Vehicle and Example texts, which will then help broaden their writing skills and abilities.

Letter writing

In this unit, children will be building up to complete a recount in the form of a letter about a significant event that happens in the story.

The children will explore the similarities between the Vehicle and Example texts and talk about the effect and appropriateness of the formality of the letter they will also discuss what this suggests about the relationship between the father and the son.

Mathematics

Multiplication and Division

In this unit, pupils are multiplying and dividing 3- and 4-digit numbers by single- and double-digit numbers. The unit begins by finding and defining multiples and factors and common factors. Pupils begin to work with prime numbers and determine what makes a number prime or composite. Children will look at and solve a variety of word problems and reasoning questions that involve multiple steps.

Fractions

Children in this unit will learn about fractions equivalent to a unit fraction and to a non-unit fraction, they will learn how to recognise equivalent fractions and how to convert improper fractions to mixed numbers and vice versa. The children will also learn to add and subtract fractions with mixed numbers when they also break the whole.

Science

Forces

In this unit we will learn about balanced and unbalanced forces, gravity, friction and the use of mechanisms such as levers, gears and pulleys. The children will identify forces and complete force diagrams.

They will find out about Isaac Newton and his discoveries about gravity, completing a comprehension about his life and his work. The children will look for patterns and links between the mass and weight of objects, using newton metres to measure the force of gravity.