

DT

Light It Up

In this unit, pupils will evaluate existing torch designs and aim to suggest improvements to them.

They will then plan, build and evaluate their own torch.



Topic Map: Year 5 Term: Autumn 2

TITLE: Joy



Computing

Design and write programs that accomplish specific goals, including simulating physical systems; solve problems by decomposing them into smaller parts.

Skills

Understand how to create a game/app that is suitable for a given audience and purpose. Be able to explain how their game works to a non-technical person.

Music

Children will be introduced to the history of Music. They will consider comparisons between modern day music and classical music. They will also develop an awareness of different composers from the past.

Skills

They will expand their knowledge of musical history.

History

In this topic children will learn about World War 2 from how it started through to its conclusion.

We will concentrate on evacuation, the Blitz, the role of women during the war, the plight of the Jewish people and how propaganda was used to influence people's opinions.

Maths links: Measurements: Scales, size and measurement.

English links: Instructions and Explanations.

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

Children will build on the basketball skills developed in Year 4.

They will learn passing, shooting and dribbling skills whilst learning to play effectively as a team.

Maths links: Time.

English links: Speaking and Listening opportunities, Instructions.

French

This term we will be focusing on introducing ourselves and others.

We will also start to look at telling the time in French.

Maths links: Time, number

English links: Sentence structure

PSHCE

Children will discuss and take part in circle time activities to explore what it is like to fall out and how we can better get along.

Skills

Developing confidence and responsibility and making the most of their abilities.
Preparing to play an active role as citizens.
Developing good relationships and respecting the differences between people.

Class Novel –

Friend or Foe by Michael Mopurgo

English

Myths and Legends

Using 'The Legend of Robin Hood' as a model text, pupils will work towards writing their own 'legend'. Children will focus on the key features of the genre, paying particular attention to rich vocabulary that they can 'magpie' for their own writing. This topic will have Y5 SPaG objectives such as relative clauses and direct speech embedded within it.

Instructions

Children will look at the format and structure of instructional texts. They will focus on the SPaG features such as imperative verbs, present perfect tense and precise, accurate language.

Poetry with poetic style

Children will study examples of 'free-verse' poetry. They will consider the irregularity of the text and focus on the performative skills required. Children will create, produce and perform their own free verse poem to an audience of their peers.

Creative writing week

Children will use this week to explore many of the different genres they have studied already this year such as narratives, instructions and free verse poetry. They will apply their writing skills by responding to a given stimulus in creative ways.

Mathematics

Multiplication and Division

Children will begin the half term by finishing off their previous topic on multiplication and division.

Word Problems

In this chapter, pupils are solving word problems that involve multiple steps and a variety of operations. Pupils begin the unit by simply choosing the correct operation before moving onto representing the key information using bar models. Applying the strategies learned in previous units is key in solving the challenges. The chapter ends with complex representations of numbers and change using advanced bar models.

Graphs

In this chapter, pupils read and interpret information in tables and line graphs. The first lesson requires pupils to read and interpret information presented in a table showing flights between Singapore and London. In the next lesson, they are required to use the data to answer questions, however the data has restrictions and must be sorted. The final lesson on tables leaves out key information, such as omitting a train time to indicate the train does not stop at a specific station. Then there are four lessons on line graphs, beginning with a single line to represent a given set of data, followed by constructing line graphs that have more than one data set to represent.

Science

Animals with Teeth (Incl. Humans)

In this topic, pupils will learn about different animals and their bodies.

They will be able to further understand their own body, focusing in particular on the human digestive system and how it works.

Then, they will look at our teeth and the impact that fizzy, sugary drinks have on them and how they impact enamel.

Finally, they will look at food chains and consider the impact that every creature has upon it.