

Computing - Scratch Music

Learning to 'tinker' with musical elements. Planning, programming and evaluating a soundtrack.

PE - Football

Play effectively in a variety of performances and formations. Relate a number of attacking and defensive tactics. Become more skilful when performing movements at speed.

ART - Drawing: Depth, Motion and Emotion

Working with a range of media with control to achieve different effects, experimenting with different techniques. Exploring how to use lines and marks to express motion and working towards developing a printing technique.

Maths - Place Value

Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit
Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000
Solve number problems and practical problems that involve the above
Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000

Addition and Subtraction

Add and subtract numbers mentally with increasingly large numbers
Add and subtract whole numbers with more than four digits, including using formal written methods (columnar addition and subtraction)
Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000
Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy

Science - Forces

Learn about types of forces such as gravity, friction, water resistance and air resistance. Also understand the use of mechanisms such as levers, gears and pulleys. Identify forces and find out about famous scientists. Look for patterns and links between the mass and weight of objects, using newton meters to measure the force of gravity. Work collaboratively to investigate air and water resistance. Carry out practical science work, discuss variables and how this helps to make a fair test.

History - Anglo Saxons and Vikings

Recap when and why the Romans left Britain and consider what happened in the period after their departure. Find out about the seven Anglo-Saxon kingdoms and what life was like during their everyday lives before the Viking invasions. Learn who the Vikings were and where they came from. Know about Lindisfarne and invasions after this. Understand the tensions and battles between the Anglo-Saxons and Vikings and how a peace treaty was eventually signed. Explore how Alfred the Great helped create a unified England and how this impacted England. Compare everyday life and find similarities and differences between the Anglo-Saxons and the Vikings. Consider how the Viking legacy is still seen in Britain today. Find out about the roles of key figures and order events up to the year 1016. Explore the death of King Edmund and how this led to the Battle of Hastings and the Norman conquest. Consider how Britain might be different today if the Battle of Hastings had had a different outcome.

Music in Nature

Drawing inspiration from the power of nature, pupils compose short melodies to reflect different moods of the sky with a focus on chords and melodies.

PSHE

Scarf unit - Me and My Relationships, where we look at collaboration, communication and emotions.

RE - Beliefs and Questions

What do Christians believe about the death of Jesus?
We will create a timeline of Holy Week with specific reference to the crucifixion. Explain the meaning of and give examples of biblical sacrifice. Explain some ways in which the sacrifice made by Jesus is different to Jewish sacrifice.

Writing

Core Texts - The Present (video) and The Malfeasance
Genre - Narrative and Poetry
Purpose - Writing to entertain

Core Text: Malamander by Thomas Taylor



Topic Web Autumn Term 1