

Spring one in Year 5



English

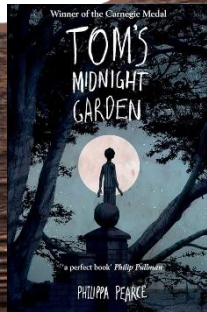
Writing

Poetry

Pupils will explore and learn how to innovate and create their own narrative poem. Within writing lessons, the children will study the poem 'The Highwayman' focussing on the structure and features of a narrative poem. Children will specifically focus on learning how to create and use a range of similes and metaphors for description within their writing.



We are reading...



Reading

Pupils will be studying the book, 'Tom's Midnight Garden' written by Philippa Pearce during whole class reading lessons. During this time, the children will develop their reading fluency through strategies such as echo reading and choral reading and will improve their ability to retrieve information from the text.

Maths

Whole Numbers: Multiplication and Division

In this unit, pupils are multiplying and dividing a range of numbers. The unit begins by finding and defining multiples, factors and common factors. Pupils begin to work with prime, square and cube numbers before moving on to multiplying by 10, 100 and 1000 using a variety of methods, including: number bonds, column methods and the grid method. Pupils then move on to multiply by 2-digit numbers before beginning to divide by 10, 100 and 1000. The unit ends as pupils learn to divide, giving rise to remainders using multiple methods, including number bonds and long and short division.

Whole numbers: 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.

Art & design

Moving mechanisms

This project is linked to our previous history topic, Dynamic Dynasties. This project teaches the children about pneumatic systems. They experiment with pneumatics before designing, making, and evaluating a pneumatic machine that performs a useful function.



Geography



Sow, grow and farm

This project will teach the children about the features and characteristics of land use in agricultural regions across the world, including a detailed exploration of significant environmental areas. The children's learning throughout this topic will be supplemented by our Class trip to Lower Drayton Farm where the children will be able to experience life on a working farm and observe the way crops are grown.

Science

Earth and Space

This project teaches children about our Solar System and its spherical celestial bodies. They describe the movements of the Earth and the other planets relative to the Sun, the Moon relative to Earth, and the Earth's rotation to explain day and night.



Music

Sing and play in different styles

In this unit, pupils will listen, sing, play, improvise and compose with pop, minimalism, 20th and 21st century, orchestral, rock and roll, and gospel music. The children will explore what makes these types of music sound different from one another. They will have opportunities to explore tempo, instruments, lyrics and rhythms.

PSHE & RE

PSHE: Dreams and goals

During this unit of work the children will be learning about goals and Challenge, specifically focusing on exploring key skills such as perseverance and resilience. They will begin to think about the steps they can take to reach their goals whilst considering the obstacles they may find along the way and the support that they may need to achieve their goals.

RE: Hinduism- Holi

During RE lessons this term the children will be studying Holi; a Hindu festival celebrated throughout India and beyond. The children will explore the meaning of colour within the celebrations and the meaning behind the festival.

Computing

Programming A - selection in physical computing

In this unit, learners will use physical computing to explore the concept of selection in programming through the use of the Crumble programming environment. Learners are introduced to conditions as a means of controlling the flow of actions and make use of their knowledge of repetition and conditions when introduced to the concept of selection (through the if, then structure).

PE

Swimming- Year 5 will continue to attend swimming lessons every Thursday to increase their confidence in the water. The children will be learning the key skills needed to swim securely and independently.