

Spring Term Year 5



Think like a Reader

'A Midsummers Night Dream' is a modern re-telling of Shakespeare's classic love story which brings together the worlds of humans and fairies. This story is full of confusion and hilarious consequences, causing various characters to fall in love with the wrong partner. In the end, magic puts things right.

'I am not a label' is an anthology which examines the lives of a range of disabled artists, athletes, scientists and activists from across the generations. The author's motivation is to ensure that people with a disability are represented in children's literature.

'Boy in the Tower' is a story which centers on an ordinary boy, Ade, who lives with his mum at the top of a tower block. One day, buildings around them begin to fall down. Told to evacuate the city, people leave, including his best friend, Gaia. However, Ade's mum, who is agoraphobic, won't leave the flat. Soon, it becomes clear that menacing plants, are responsible.

We are reading...



Think like a Writer

This term the children will learn how to write:

- a balanced argument,
- a third person story set in another culture,
- a formal letter of application
- a playscript based on Shakespeare retelling

Think like a Mathematician

Initially, we will be learning the method of long **multiplication** to multiply by a 2-digit number, and of short **division** to divide by a 1-digit number.

We continue with **fractions**, learning how to multiply, calculate fractions of amounts, and find decimal equivalents. Following this, we explore **percentages** and calculating fractions and decimal equivalents. Later in the term, we study the formula to calculate the **perimeter** and **area** of rectangles and compound shapes. Finally, we turn our attention to reading **tables**, **line graphs**, and **timetables**. We will also construct our own line graphs.

Think like a Scientist

Forces

In this unit, children will be learning about contact and non-contact forces, exploring when friction is useful, air and water resistance, Galileo Galilei and, levers, pullies and gears.

Space

In this unit, we study the position, relationship and movement of the planets and the effect the Earth's rotation, tilt and orbit have on day, night and the seasons.

Think like an Artist

During the 1st half term, we take inspiration from natural objects to create textile art, combining **collage** and **appliqué** techniques to create work that depicts textured surfaces. We will use a variety of materials including items from nature. We then turn our attention to **3D form** where we develop visual spatial skills looking at the shape and form of 3D objects. We use **papier-mâché** to develop skills to manipulate clay.

Think like a Linguist

Describimos

This term we will be learning how to describe ourselves and another person.

Think like a Geographer

4 and 6 figure grid references

This term we learn why we need longitude and latitude, what 4 and 6-figure grid references are, and how to use them.

Think like a Person of Faith

How are sacred teachings and stories interpreted by Sikhs today? To answer this, we will learn about what Sikhs learn from a Sikh story and why they are important and how the teachings from one of the Gurus changed women's rights. How significant is it for Christians to believe that God intended Jesus to die? To answer this, we will learn about whether the crucifixion what the events of Holy week or if it was part of God's plan.

Think like a Musician

In music we will learn about 'The Jackson 5' and Michael Jackson and listen to and appraise some of their songs. We will learn to sing the song 'I'll Be There' and play accompanying parts on the glockenspiel. We shall then learn about Classical Music and the famous composer 'Hans Zimmer'. We will listen to and appraise his piece of music 'Earth' and then compose our own class piece of music based on this, using our voices and various percussion instruments.

Think like a Designer

Food and Nutrition: In this block, the children will look to different countries to see what can be learnt from different cultures. The recipes chosen showcase how certain foods can contribute to good health and wellbeing. Pupils will also learn how modern British food represents an eclectic mix of cultures.

Systems: In this block, the children will draw on the knowledge they have learned so far to design and make a road safety belt. Pupils will write a simple program for a micro:bit and evaluate their outcome against the design brief.

Think like a Computational Thinker

Selection in Physical Computing: In this unit, we use physical computing to explore the concept of selection in programming. The children 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.

Data Logging: In this unit, we will consider how and why data is collected over time, considering the senses that humans use to experience the environment and how computers can use special input devices called sensors to monitor the environment. We will collect data as well as access data captured over long periods of time. They will look at data points, data sets, and logging intervals.

Think like a Digital Citizen

This term we will be learning about relationships and behaviours that may lead to harm and how positive online interaction can empower and amplify voice. We also discuss the impact that technology has on health, well-being and lifestyle including understanding negative behaviours.

Think like a Historian

What was significant about the Shang Dynasty's achievements?

In this study we learn about the Yellow River, Shang hierarchy and social order, Shang Kings and leaders, religion and Shang technology

What did the Greeks do for me?

In this unit we learn about Greek City-states and their military, Greek religion and Greek culture (including the Olympics, theatre, myths, fables and philosophy).

Think like a Responsible Citizen

In PSHE this term we will be exploring how we communicate. In this unit we will consider confidentiality, our listening skills and how we respond to each other. We shall then be studying how we keep physically, mentally and emotionally healthy by having a healthy lifestyle.

Think like an Athlete

In PE this term we shall continue to go swimming learning different strokes, treading water and self-rescue. When the children are ready they will learn how to swim in deep water with clothes on.

Later in the term, we will be learning the skills of handball and understand the rules of the game.