

# 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 Greek myth
  - a third person story set in another culture
  - a formal letter of application

## 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 events of Holy week and its significance for Christians.

## Think like a Musician

This term, children will explore sound colours through Mussorgsky's *Pictures at an Exhibition*, learning about drones, major and minor keys, and composing group pieces. They will also study classic rock, analysing lyrics, melody, and riffs. Using this knowledge, they will compose and perform their own rock-style riffs on the glockenspiel in C major.

## Think like a Designer

**Textiles:** In the second half term, we will consider the durability of fabrics. We will design and make a functional and hardwearing lunch bag. We will investigate properties of a range of fabrics and consider insulation and waterproofing.

**Food and Nutrition:** In the second half of the term, 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.

## 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.

**Flat file Databases:** In this unit, we look at how a flat-file database can be used to organise data in records. The children will use tools within a database to order and answer questions about data. They will create graphs and charts from their data to help solve problems and use a real-life database to answer a question, and present their work to others.

## 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.

## 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.

Later in the term, we will be practicing our tennis skills.