

Autumn Term Year 5



Think like a Reader

Shackleton's Journey

This beautifully illustrated book tells of Ernest Shackleton's expedition as he attempted to cross Antarctica. After much preparation, he set off in 1914 with his crew on Endurance. However, the boat became grounded in the polar ice and Shackleton and his crew faced many challenges in a fight to survive, including having to evacuate Endurance and row across treacherous seas to seek help. This is a story of heroism, human endurance and the value of teamwork.

Secrets of the Sun King Set in 1922, the story simultaneously tells of Howard Carter's search for the tomb of Tutankhamun and the adventures of the main character, Lil, who opens a mysterious package found on her grandfather's doorstep. Inside, she finds an Egyptian artefact, sent by a famous Egyptologist who has just been found dead - perhaps a victim of the so-called curse of Tutankhamun.

We are reading...



Think like a Mathematician

First, we will be using our **place value** knowledge to read, write, order and compare numbers up to 1 million. We will also practise rounding. Next, we will practice the formal methods of **addition and subtraction** before learning about and using **multiples, factors, prime, square and cube numbers**. We will finish the term studying **fractions**, learning about equivalent fractions, improper fractions, mixed number fractions, comparing and ordering fractions and adding and subtracting fractions with different denominators.

Think like an Artist

During the first half term, we will explore a technique called subtractive drawing. Our inspiration for this unit comes from the wonderful artist: Hundertwasser. Using organic lines and spirals, along with bright colours and overlaying, we will create abstract drawings. In the final half term, we will learn a new printing process, taking inspiration from Andy Warhol and John Brunsdon.

Think like a Linguist

This term, we will be learning how to say different weathers and give our opinions. We will be practicing speaking and listening, reading and writing in Spanish.

Think like a Writer

In writing this term, we will be learning how to write:

- Dialogue in narrative first person myths and legends.
- A formal letter of application

Think like a Scientist

Properties and changes of materials

During this unit, we will learn about the properties of different materials. We will learn the difference between a mixture and a solution and consider how we can separate each. Finally, we will study reversible and irreversible changes.

Forces

In this unit, we learn the difference between a non-contact and contact force, what resistance is, in the form of water and air, and finally exploring levers, gears and pulleys.



Think like a Geographer

World countries and biomes

In this unit we will be exploring where the major countries and capital cities are in the world. We shall then learn about biomes and research how these change across the world. We end this unit exploring the different physical and human characteristics of Europe, North America and South America.

Think like a Designer

Food and nutrition

During the first half term, we will look to Middle Eastern and Danish foods for inspiration and consider what we can learn from the diets of different cultures.

Think like a Historian

What did the Greeks do for me?

We will be learning about the Ancient Greeks and significance for us today. We will learn about Greek city-states, their military, democracy, Ancient Greek religion and culture (including the original Olympics, theatre, myths and philosophy). We will develop our 'Working Like A Historian' skills by considering significance and continuity and change.

Think like a Person of Faith

How far would a Sikh go for their religion?

To answer this question, we will learn about the core beliefs of Sikhi (Sikhism), why self-sacrifice (Sewa) is important, and what the 5Ks are.

Is the Christmas story true?

To answer this question, we will read and compare the different versions of the Christmas story in the Bible, before considering what Christians believe.

Think like a Musician

This term the children will focus on musical storytelling and vocal performance. They will explore Mussorgsky's Pictures from an Exhibition, learning about sound colours, harmony, and global traditions. Pupils will compose melodies and group pieces using glockenspiels and triads. The children study choral music across genres, singing rounds in multiple parts and analysing structure, rhythm, and harmony. Content this term will build creativity, collaboration, and appreciation for musical mood, layering, and performance.

Think like a Computational Thinker

During 1st half term, we develop an understanding of **computer systems** and how information is transferred between systems and devices. The children consider small-scale systems as well as large-scale systems. We will discover how information is found on the World Wide Web, using search engines. In the 2nd half term, 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 Responsible Citizen

In PSHE, we will explore the emotions and processes related to grief as well as consider the problems that arise within families and where we can find help. After half term, we will be considering the importance of our wellbeing and learning different mindfulness techniques. We will identify what makes us calm and in which situations we might need to use relaxation techniques.

Think like a Digital Citizen

This term we will be exploring **privacy and security**, and learning about the impact that technology has on our **health, well-being and lifestyle**.

Think like an Athlete

In PE this term, we will be swimming at the local pool, learning different strokes, and becoming more confident in the water. We will also complete a water safety course.

We shall also be enjoying learning about the invasion games that are basketball and rugby.