

Spring Term Year 6



Think like a Reader

All Aboard the Empire Windrush is set in 1948, the Empire Windrush sailed from Jamaica to Britain - on board, passengers hoping for a better life ahead. The narrative is told through a diary, written by an eleven-year-old boy called Preston, alongside factual commentary.

The Island is a haunting picture book, illustrated with striking charcoal images, is about how human beings respond to outsiders. When a man is washed up on the islanders' beach, they are very unwelcoming.

In the book Skellig, Michael the narrator, having moved to a new house, discovers an unusual being, in a dilapidated garage. Half man, half beast, Skellig, as he is known, is seemingly unwell. As his parents are distracted by the illness of a new baby, Michael feels he can only confide in his new neighbour, a girl called Mina.

We are reading...



Think like a Mathematician

This term we will be learning:

- how to calculate 'Ratios and Proportions' and use them to calculate scale factors.
- how to write expressions and equations in algebra, and apply these to problem-solving questions.
- how to calculate percentages of amounts & convert between fractions, decimals and percentages.
- the formula for calculating the area of triangles and parallelograms, and the formula for calculating the volume of cubes and cuboids.
- to interpret line graphs and construct and interpret pie charts, in statistics.
- to calculate straight line angles, angles around a point, missing angles in triangles, quadrilaterals and polygons.
- to read and plot coordinates and translate and reflect shapes.

Think like an Artist

This term, in printmaking and textiles, the children will create a simple one-point perspective drawing and use selected parts to create a printed image as well as replicate line through batik. During the second half term, the children will create 3D forms using a variety of techniques. They will need to consider use of colour, pattern and texture as they combine their pieces made throughout the unit in Lesson 3, to form 3D structures.

Think like a Linguist

En Mi Pueblo

This term we will be learning how to identify, pronounce, read and write vocabulary including naming places in a town and what we like and dislike doing.

Think like a Writer

This term the children will learn how to write:

- An extended third person narrative (adventure stories)
 - Explanatory texts
 - News report
 - Autobiography
- First person stories with a moral

Think like a Scientist

Animals, including humans: water transportation

In this unit, children will learn about the digestion and circulation systems in the human body, where the kidneys are and how they remove waste from the body, and how the kidneys keep us healthy.

Light

In this unit, we will be learning about the properties of light, reflection and exploring which surfaces are the best reflectors, why we see objects as a particular colour and what happens to the appearance of an object when it is placed in water.

Think like a Geographer

This term we will be completing a comparison study, when we look at the human and physical geography of a region of the UK, a region in a European country, and a region within North America.

We will then be learning key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.

Think like a Responsible Citizen

This term we will be researching 'Gender stereotyping' and beginning to understand that it can be unfair, negative and destructive.

We shall also be teaching the children about money, including helping them realise that future wants and needs may be met through saving.

Think like a Musician

This term we will learn about 'The Beatles' and listening to and appraising some of their songs. We will be learning to sing the song 'Blackbird' and play accompanying parts on the glockenspiel. Later in the term, we will learn about Classical Music and 1 piece in particular: Edvard Grieg's 'In the Hall of the Mountain King'. We will learn key information about the composer and listen to and appraise the piece of music.

Think like a Designer

Food and Nutrition: In this unit, the children will learn how to cook foods that are often pre-made and processed. We will learn and apply techniques to make dishes designed to help improve energy levels, mood and future health.

Structures: In this unit, the children will test the strength of spaghetti and then apply what they have learned to construct a tower that is at least one metre tall.

Think like a Computational Thinker

Variable in Games: This unit explores the concept of variables in programming through games in Scratch. First, we will find out what variables are and relate them to real-world examples of values that can be set and changed. Then we use variables to create a simulation of a scoreboard.

Spreadsheets: This unit introduces the children to spreadsheets. We will be supported in organising data into columns and rows to create our own data set, taught the importance of formatting data to support calculations, while also being introduced to formulas and beginning to understand how they can be used to produce calculated data.

Think like a Digital Citizen

This term we will be learning more about online bullying. We will develop strategies for effective reporting and intervention and how bullying and other aggressive behaviour relates to legislation. We shall also look at the impact that technology has on health, well-being and lifestyle.

Think Like a Person of Faith

Is anything ever eternal? To answer this, we will learn about different types of love, Christian beliefs in heaven and the actions a Christian might take to obtain eternal life, and Christian beliefs in forgiveness and eternal life and how this motivates a Christian to do good.

Is Christianity still a strong religion over 2000 years after Jesus was on Earth? To answer this, we will learn about different festivals and celebrations and what they demonstrate about Christianity, the ways that Christianity is influencing lives today regarding symbols and Christian organisations and ways in which this is influencing lives today with its impact on people round the world.

Think like a Historian

What was the Industrial Revolution and how did it impact on our local area?

To answer this question we will Read, Write, Work and Think like a Historian to learn about the effects of the Industrial Revolution in Britain as well as in Nottingham/Beeston; different inventions; laws passed; and the work that men, women and children did.

Think like an Athlete

This term we shall be learning how to play lacrosse. We will be learning how to successfully apply different tactics in different scenarios and games.