

Year 5 & 6 – Come Fly with Me: USA



Mathematics

For Mathematics this term, the children will cover the topics of fractions; decimals; area and perimeter; algebra and statistics.

In year 5, the children will consolidate their learning of multiplication and division to solve a wide range of problems. They will learn to multiply a fraction by an integer and to find the fraction of a number. The children will practise identifying the value of digits in a number including decimals and will learn to multiply and divide a number by 10, 100 and 1000.

For shape, space and statistics, the children will learn to calculate the area of a rectangle and of compound shapes. They will learn how to draw and read line graphs and how to read and interpret two-way tables.

In year 6, the children will learn the symbol for ratio and how it relates to their learning of fractions. They will learn how to use ratio to solve problems involving recipes and to draw scale drawings.

For algebra, the children will learn how to form a simple expression and how to solve simple equations with two unknown values.

The children will learn how to compare and order fractions, decimals and percentages. They will learn how to multiply and divide any number by 10, 100 and 1000. The children will also learn how to find the percentage of an amount.

For shape, space and statistics, the children will learn how to find the area of a triangle and of a parallelogram. They will learn how to find the volume by counting cubes.

The children will learn how to read and interpret line graphs and pie charts and how to calculate the mean as an average.

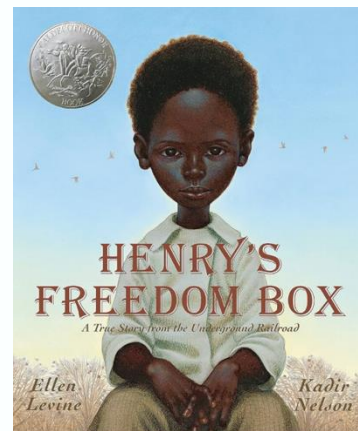
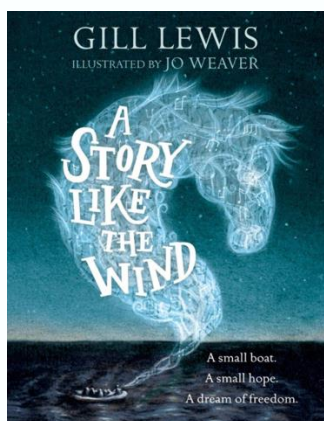
English

Reading:

This term, the children will be reading the book 'A Story Like the Wind' by Gill Lewis. This beautifully illustrated story of freedom, music, and seeking refuge will support the children to develop positive attitudes to reading and will develop a sound understanding of what they read. After half term as part of our 'Steps to Read' programme the children will be reading a range of texts on the theme of 'North and South America' The books will support the children to develop their word reading and comprehension skills as well as to increase their knowledge of their topic 'Come Fly with Me: USA'

Writing:

This term, year 5 and 6 children will be reading the books 'Henry's Freedom Box' by Ellen Levine and Kadir Nelson, and 'A Story Like the Wind' by Gill Lewis. The children will use the texts to write across a range of genres including flashback narratives and biographies. They will be developing their use of more sophisticated punctuation such as dashes, commas and brackets for parenthesis.



The Big Picture – Come Fly with Me: USA

Geography – The USA

For Geography, the children will be learning about North America. They will learn to locate countries in North America. The children will then explore key human and physical features of the USA by exploring the formation of the Rocky Mountains, and the Grand Canyon. They will also explore climate patterns across the USA and consider the causes and consequences of some extreme weather events such as flooding of the Mississippi and drought in California.



History – The Discovery of America

For History, the children will be learning about the history of America. They will learn that the first humans known to inhabit North America are known as Native Americans. They will learn some cultural traditions of the Native Americans. The children will then learn about Christopher Columbus' journey to 'discover' America. They will learn about the American Revolution and how the country became to be the USA. Finally, they will learn about the impact that USA has had on modern life including music, fashion, diet and film.



Art - Printing

For Art, the children will be exploring how art can be used to express thoughts and feelings such as pride. They will explore a wide range of printing techniques including: mono printing, relief printing and stencilling. The children will apply the techniques to create a patriotic poster about the USA.

Computing

For Computing, the children will use desktop publishing software to publish a biography. They will consider careful choices of font size, colour and type to edit and improve their work. They will add text and images. The children will look at a range of page layouts thinking carefully about the purpose of these and evaluate how and why desktop publishing is used in the real world. They will learn to work efficiently by using shortcuts **Ctrl + B, U, I, S, P** (*Bond, Underline, Italic, Save and Print*)

Design and Technology – Fairground Ride

For D & T, the children will learn about George Washington Gale Ferris Jr., an engineer who invented the Ferris wheel ride. They will explore existing rides to consider what they are made of, how they move and where riders sit. They will then design and make their own fairground ride using electrical motors to create rotating parts.

Music

For Music, the children will be listening and responding to the national anthems of the USA and the UK. They will listen to the lyrics of 'Star Spangled Banner' and 'God Save the Queen' and consider how the lyrics and musical features instil a sense of pride and patriotism. The children will then learn to perform the songs through singing and with the recorder.

Science

For Science this term, the children will learn about living things and classification. They will learn about the life cycles of different animals and make comparisons between them. The children will learn about reproduction in flowering plants and develop an understanding of the phases of germination, pollination, fertilisation and seed dispersal. They will also learn that some plants including tubers, bulbs and runners can reproduce asexually. The children will then learn about the classification of living things. They will explore the work of Carl Linnaeus, and how his system of naming living things is still used today. The children will observe the characteristics of plants and trees in the school grounds and use classification keys to identify and name the flora and fauna. The children will also learn about micro-organisms and how these can be helpful and harmful. They will explore the best conditions for yeast to grow.

The learning of the science unit will be enhanced by a visit to The Natural History Museum in Tring. Here, they will enhance their classification skills with this multi-activity workshop.



Physical Education

For P.E. this term, the children will be practising skills across the sports of, basketball, handball and outdoor and adventure. They will practise and develop key skills for each sport: passing, moving, marking and shooting. The children will also be exploring the 4 elements of dance: space, time, shape and energy. They will work to develop a whole class dance to showcase at our annual dance extravaganza.

PSHE

For PSHE this term, we will be exploring the topics of respectful relationships and caring friendships.

The children will learn about the importance of respecting others, even when they are very different from themselves. They will learn that most friendships have ups and downs, and that these can often be worked through so that the friendship is repaired or even strengthened, and that resorting to violence is never right. They will learn practical steps they can take to improve respectful relationships.

The children will learn about the importance of self-respect and how this links to their own happiness. They will explore different types of bullying (including cyberbullying), the impact of bullying, and how to get help for yourself or others. The children learn what a stereotype is, and how stereotypes can be unfair, negative or destructive.

Religious Education

For RE this term, the children will be learning about Hinduism through studying the question: 'What is the significance of Karma and Moksha for a Hindu?' They will learn that dharma is a way of life for Hindus. They will be able to give examples of how the five daily duties link to dharma. They will be able to make connections between the deeds of past lives on the consequences for the next life. They will consider how the goal of moksha inspires Hindus to achieve good karma. After half term, the children will continue to study the theme of resurrection through the question: 'How far is belief in the resurrection important to Christians today?'