

Subjects: **Autumn Term – YEAR 6**

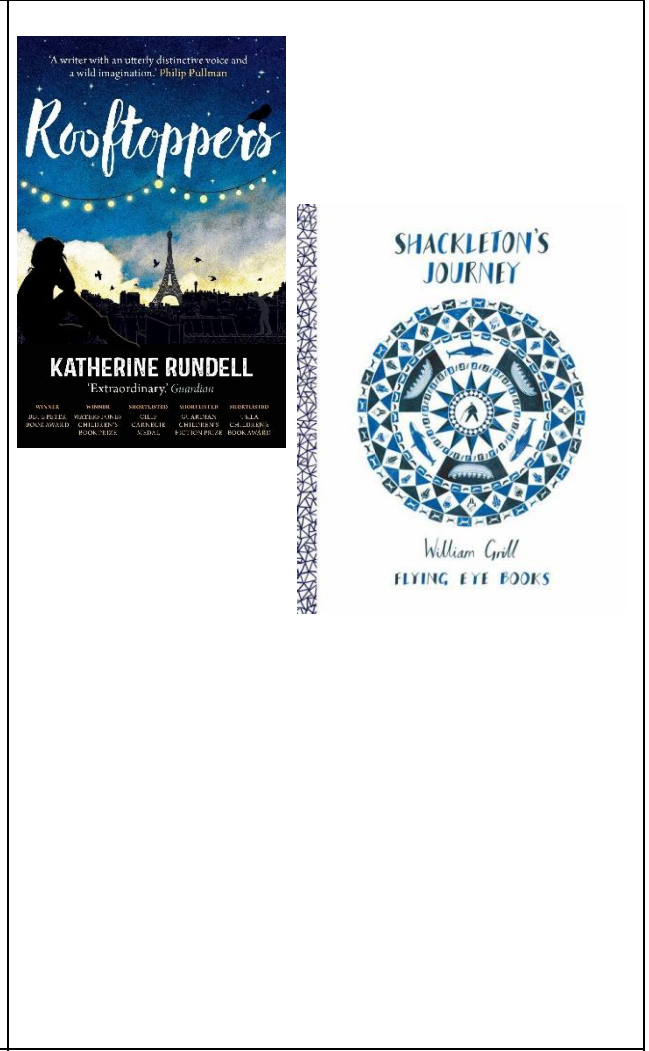
English

Rooftoppers
 To start the year, we will be reading 'Rooftoppers' by Katherine Rundell – a story about a child who embarks upon an adventure to find her 'lost' mother. Children will be working towards writing diary entries, newspaper reports and non-chronological reports.

Shackleton's Journey
 During Autumn 2, children will be learning about Ernest Shackleton and his crew's expedition across the frozen kingdom. The text is a non-fiction picture book and pupils will be working towards writing personal statements, narratives and informal letters home.

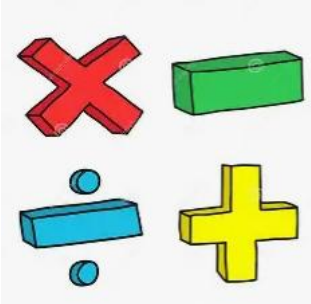
Within our English lessons, there will also be a focus on spelling, grammar, punctuation and handwriting.

Reading
 Children will also be developing their reading skills in our Daily Reading sessions (where they will explore a new text every week) focusing on developing the skills of predicting, summarizing, inferring, and retrieving information.




Maths

4,76	2,8	35				
Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones



FRACTIONS



Place Value


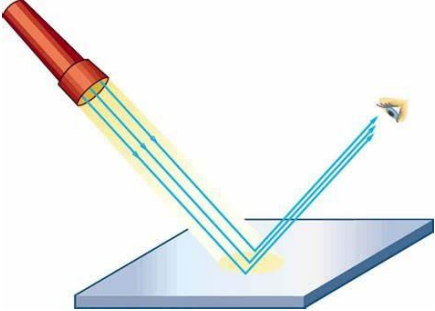


Pupils will develop their ability to read and write numbers up to 10,000,000 and place numbers on number lines. They will compare, order and round integers, and use negative numbers in real-life contexts.






Addition, subtraction, multiplication and division



This unit will extend children's learning of how to add and subtract integers with any number of digits. Children will use the formal column method for numbers with the same and different numbers of digits. They will also practise using mental strategies with both large and small numbers, using their understanding of place value. Children will solve multi-step problems, choosing which operations and methods to use based on the context of the problem and the types of numbers involved.

Fractions

Children will build on their previous experience of equivalent fractions and will give fractions in their simplest form. They will compare and order fractions, and add and subtract fractions and mixed numbers.

<p>Science</p>	<p><u>Classifying big and small</u></p> <p>In this unit, children will learn how to define the term 'organism' and name the seven life processes of all living things. They will describe the work of Carl Linnaeus and define the terms 'vertebrate' and 'invertebrate'. They will learn how to describe the characteristics of various vertebrates and invertebrates and name plant groups. Further steps will include describing the characteristics of flowering plants, defining the term 'micro-organism', and making and using a classification key to group and identify organisms.</p> <p><u>Light and Reflection</u></p> <p>Later this term, children will learn how to compare sources of light and explain how the eye is protected from light. They will describe how light travels, and how we see luminous and non-luminous objects. We will explore factors that affect the size of a shadow and children will use ray diagrams to explain why shadows change size and why the shape of a shadow matches the object that cast it. They will use mirrors to make a working periscope and explain how a periscope works.</p>	 
<p>Art</p>		<p><u>Print and Activism</u></p> <p>Pupils will respond to the work of contemporary artists and designers Luba Lukova and Kate DeCiccio. They will explore ways in which artists can express their ideas and opinions. The children will explore their own voice and message, and will use screen printing techniques and make a poster inspired by the art work of Artist Activist Shepard Fairey.</p>
<p>History</p>	<p><u>What does the Census tell us about our local area?</u></p> <p>In this unit, the children will explore the purpose and creation of a census. They will look at what we can learn about Victorian children and the jobs available in the 1800s from the census. They will make inferences about women's lives in the 1900s and investigate how the census has changed. We will also investigate who lived in our local area in the past.</p>	

<p>Geography</p>		<p><u>Why does population change?</u></p> <p>Children will be learning to identify the most densely and sparsely populated areas, describe the increase in global population over time and begin to describe what might influence the environments people live in. They will also suggest factors which may influence migration. We will then look at the causes of climate change, explaining its impact on the global population and suggest actions we can take to fight climate change. Pupils will compare data collected from two locations and suggest ideas to improve the environment.</p>
<p>Religion and Belief</p>	<p><u>Signs and Symbols</u></p> <p>In this unit, children will explore the meaning of signs and symbols, and find out how symbolic food can be used to remember important events. They will be able to explore and interpret religious metaphors, learning that religious beliefs and ideas about God can be experienced in different forms, including symbolism. They will also be able to recall some common symbols within a place of worship.</p>	
<p>French</p>		<p><u>Les Vetements (clothes)</u></p> <p>By the end of this unit pupils will have the knowledge and skills necessary to describe what they are wearing in French. Pupils will learn how to say and write what they are packing in their suitcase for a holiday.</p> <p><u>A L'Ecole (school)</u></p> <p>In this unit pupils will learn the nouns and determiners for ten school subjects in French. By the end of the unit, pupils will have the knowledge and skills to talk about the subjects they like and dislike at school (along with a justification) and at what time and on which day they study various subjects.</p>
<p>Computing</p>	<p><u>Coding</u></p> <p>The coding lessons in these units are structured around the PRIMM approach: Predict, Run, Investigate, Modify and Make. Once confident with this, pupils will be encouraged to try and make their own program from scratch.</p> <p><u>Blogging</u></p> <p>Children will learn about the purpose of blogging in modern society. They will discuss online interactions and make links to safe (and kind) online conduct. They will be planning for, designing, making and evaluating their own blogs using Purple Mash, and will be able to interact and contribute to one another's.</p>	 <p>2Code</p>  <p>2Blog 2Connect</p>

<p>PE</p>		<p><u>Outdoor PE: Netball and Hockey</u></p> <p>In our outdoor PE lessons, pupils will develop the key skills of attacking and defending, learning to use a range of different passes to keep possession and attack towards a goal. Pupils will be encouraged to work collaboratively to think about how to use skills, strategies and tactics to outwit the opposition. They will learn some of the key rules of netball and apply these within small games.</p> <p><u>Indoor PE: Indoor Athletics and Handball</u></p> <p>Pupils will develop their skills and techniques across a range of running, jumping and throwing activities. Pupils will learn some of the key rules of handball, and develop principles of attack and defence.</p>
<p>PSHE</p>	<p><u>Me and My Relationships</u></p> <p>At the beginning of a new academic year, children will learn how to collaborate effectively. They will consider ways of overcoming friendship problems and learn appropriate assertive behaviours.</p> <p><u>Valuing Differences</u></p> <p>In this unit, pupils will look at what they have in common as well as their differences. There will be a focus on respecting differences, demonstrating tolerance and respect, and challenging stereotypes.</p>	
<p>Music</p>		<p><u>Happy</u></p> <p>All the learning in this unit is focused around one song: 'Happy' by Pharrell Williams - a Pop song with a Soul influence about being happy. Pupils will learn to sing the song, and improvise with voices and instruments.</p> <p><u>Classroom Jazz 2</u></p> <p>This is a six-week Unit of Work that builds on previous learning. Learning is focused around two tunes: 'Bacharach Anorak' and 'Meet the Blues'. Pupils will use instruments to improvise a new melody. They will develop their musical vocabulary and create their own tunes.</p>