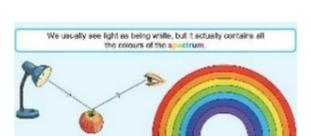


# Year 6 School Curriculum Highlights

# Spring Term 1 2025

These are the topics and areas of the school curriculum that the children in Year 6 will be studying this half term. As you can see, there are the key learning intentions (what the children will know and be able to do) for each area and some ideas for ways in which you could help support this learning at home. If you have any further questions about what is going on in our lessons, then please call in at the end of the school day and find out more.

English	Maths	Science	ICT & Computing	Art & Design	Reading
<p><b>Writing</b></p>	<p><b>Ratio, converting units, algebra and arithmetic</b></p>	<p><b>How does light work?</b></p>	<p><b>How does a database work? Keeping safe online</b></p>	<p><b>How can light and shadow create tone and distance?</b></p>	<p><b>The Firework Maker's Daughter Hansel and Gretel</b></p>
					
<p><b>In School:</b></p> <p>Our writing will be inspired by <i>Hansel and Gretel</i> and <i>The Firework-Maker's Daughter</i>. Children will explore how authors use structure, rich vocabulary and precise grammar to engage the reader. We will revisit key skills from Year 5, including modal verbs, relative clauses and cohesive devices, while developing confidence with punctuation such as colons, semi-colons and dashes. Pupils will learn how language choices support diary entries and recounts, and how writing changes between informal, personal reflection and more formal explanation. Through shared and independent writing, children will apply these skills to produce clear, purposeful and imaginative work.</p>	<p><b>In School:</b></p> <p>Children will build on their understanding of key concepts while strengthening their arithmetic skills. We will focus on converting units of measure, including length, mass and capacity, helping pupils make sensible comparisons and solve real-life problems. Ratio will be introduced to develop proportional reasoning and an understanding of relationships between quantities. Children will also begin exploring algebra, using symbols and simple expressions to represent patterns and solve problems. Alongside this, regular arithmetic practice will improve fluency, accuracy and confidence with calculations across all four operations.</p>	<p><b>In School:</b></p> <p>Children will explore the topic of light and how it allows us to see the world around us. Pupils will learn that light travels in straight lines and investigate how it reflects from different surfaces, including mirrors. They will use simple ray diagrams to show how light travels from a source, reflects from an object and reaches the eye. Children will also explore how shadows are formed when light is blocked, explain why this happens and consider how shadows change. Through practical investigations, careful observation and discussion, pupils will build a secure understanding of how light behaves in everyday situations and apply this knowledge confidently in future science learning.</p>	<p><b>In School:</b></p> <p>This term in computing, children will develop their understanding of databases and how information can be organised and retrieved effectively. Pupils will learn how to find and sort information by filtering data, create graphs from database information and search linked tables to locate specific details. They will use databases to answer questions and retrieve requested information accurately and efficiently. Alongside this, children will revisit key aspects of internet safety, including responsible online behaviour and the importance of managing their online reputation. Through practical tasks and discussion, pupils will develop confidence in using data safely and sensibly in real-world contexts.</p>	<p><b>In School:</b></p> <p>Children will explore a range of drawing techniques while developing their own creative voice. Pupils will collect and record ideas using sketches and annotated notes, making comparisons between different artistic styles and techniques. They will experiment with tools and materials to create a variety of effects, including light and dark through tonal drawing and the use of chiaroscuro. Children will generate symbols that reflect their own interests and values, creating meaningful artwork that represents themselves.</p>	<p><b>In School:</b></p> <p>Children will explore two rich and engaging texts: <i>The Firework-Maker's Daughter</i> and the classic tale <i>Hansel and Gretel</i>. Pupils will develop their reading speed and stamina, building the confidence needed to sustain focus across longer passages of text. We will place a strong emphasis on inference, encouraging children to read between the lines and use evidence from the text to justify their ideas. Alongside this, children will continue to practise retrieval skills, locating key information accurately and efficiently. Through regular reading sessions and discussion, pupils will deepen their understanding and enjoyment of a range of stories.</p>
<p><b>At Home:</b></p> <p>Read and share stories at home. Practise weekly spellings.</p>	<p><b>At Home:</b></p> <p>Practise weekly calculation sheets. Spend 15 minutes 3 times a week on TT Rock Stars.</p>	<p><b>At Home:</b></p> <p>Make shadows on the wall and discuss how they work. What makes shadows get bigger or smaller?</p>	<p><b>At Home:</b></p> <p>Discuss how we can decide whether something written online is likely to be true or not.</p>	<p><b>At Home:</b></p> <p>Talk about advertising away from screens. What styles do we see on billboards and what colours were chosen?</p>	<p><b>At Home:</b></p> <p>Encourage your child to tell you how about the stories that we are reading in school. Suggest that reading a book - instead of looking at a screen - is beneficial before bedtime.</p>
<p><b>Geography</b></p>	<p><b>Music</b></p>	<p><b>Religious Education</b></p>	<p><b>Physical Education 1</b></p>	<p><b>Physical Education 2</b></p>	<p><b>PSHE</b></p>
<p><b>How can we be more sustainable?</b></p>	<p><b>You've Got A Friend: Carole King</b></p>	<p><b>What does it mean for a Muslim to follow God?</b></p>	<p><b>Gymnastics: controlling movement</b></p>	<p><b>Dodgeball</b></p>	<p><b>Keeping Safe and Being Responsible</b></p>
					
<p><b>In School:</b></p> <p>Children will explore sustainability and how human choices affect the planet. Pupils will learn the difference between renewable and non-renewable energy sources, examining how each is produced and their impact on the environment. Through discussion and case studies, children will consider why sustainable energy choices matter and how decisions can help protect the world for generations.</p>	<p><b>In School:</b></p> <p>Children will listen to and compare a range of musical pieces by different artists, exploring how style, mood and instrumentation affect the listener. Pupils will also learn the song <i>You've Got a Friend</i>, performed by Carole King and written by James Taylor, focusing on melody, lyrics and expressive performance skills.</p>	<p><b>In School:</b></p> <p>Children will learn about how Muslims follow God in their daily lives. Pupils will explore key beliefs and practices in Islam, including prayer, worship and the importance of the Qur'an. Through discussion and reflection, children will develop understanding, respect and appreciation for how faith shapes the lives, choices and values of Muslims around the world.</p>	<p><b>In School:</b></p> <p>Children will develop their gymnastics skills by performing increasingly complex movement sequences with control and confidence. They will learn to combine their own ideas with others to build structured routines, linking actions smoothly and effectively. Pupils will compose and practise sequences that are set to music, focusing on timing, flow and expression.</p>	<p><b>In School:</b></p> <p>Children will refine their dodgeball skills by developing a wider range of catches, dodges and blocks with increasing accuracy and confidence. Through structured games and drills, children will improve their reactions, teamwork and decision-making while applying skills safely and competitively.</p>	<p><b>In School:</b></p> <p>This term in PSHE, children will learn about respectful behaviour online and face to face. They will explore how quickly information shared online can spread and the impact this can have. Pupils will also learn about drugs, including categories, medical and non-medical uses, and basic laws in the UK.</p>
<p><b>At Home:</b></p> <p>Talk about how much humans waste. Talk about the packaging that food comes in - is it all needed?</p>	<p><b>At Home:</b></p> <p>When listening to music at home or in the car, talk about what it is you like or don't like about the music.</p>	<p><b>At Home:</b></p> <p>Discuss what different religions mean for different people.</p>	<p><b>At Home:</b></p> <p>Talk about what sports were enjoyed by members of your family when they were at school.</p>	<p><b>At Home:</b></p> <p>Discuss what sports clubs might be available at high school and why it would be a great idea to join one.</p>	<p><b>At Home:</b></p> <p>Encourage children to talk about their experiences online.</p>

