

What Year 6 are learning	Hints for helping your child
<p><b>English</b></p> <p>We follow the English curriculum, linking with class topics wherever possible.</p> <p><b>Reading:</b></p> <ul style="list-style-type: none"> <li>Exploring the features of a variety of texts, both fiction and non-fiction.</li> <li>During Guided Reading sessions, pupils will read and discuss texts in detail with their teacher and then undertake follow-up work. They will also be given time to read by themselves.</li> <li>Year 6 will read a range of texts to support their writing, including The Arrival, Goodnight Mr Tom, a book about an evacuee in WW2 and Floodland.</li> <li>Children will also learn how to select sentences, phrases and relevant information to justify their opinions, in preparation for their SATs tests in May.</li> </ul> <p><b>Writing:</b></p> <ul style="list-style-type: none"> <li>Writing fiction from different characters' points of view.</li> <li>Writing a reading journal.</li> <li>Information leaflets.</li> </ul> <p><b>Grammar, Punctuation and Spelling (GPS)</b></p> <ul style="list-style-type: none"> <li>We will prepare children for the GPS paper in their SATs tests. They will learn how to use a wider range of punctuation devices e.g. apostrophes, colons and brackets.</li> <li>There will also be regular spelling tests.</li> </ul>	<ul style="list-style-type: none"> <li>Encourage your child to read for at least 30 minutes, four times a week.</li> <li>Encourage your child to develop an interest in newspapers / magazines.</li> <li>Encourage your child to use the local library.</li> <li>Support your child in proof-reading (checking) their writing homework.</li> <li>Support your child when their homework involves grammar and punctuation.</li> <li>Help your child to learn their spellings each week.</li> </ul>
<p><b>Maths</b></p> <p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>Read, write, and compare numbers up to 10,000,000</li> <li>Understand powers of 10</li> <li>Estimate and position numbers on number lines</li> <li>Work with negative numbers in context</li> </ul> <p><b>Addition, Subtraction, Multiplication &amp; Division</b></p> <ul style="list-style-type: none"> <li>Use formal written methods for all four operations</li> <li>Solve multi-step problems</li> <li>Learn long multiplication and long division</li> <li>Understand factors, multiples, prime, square, and cube numbers</li> <li>Apply the order of operations (BODMAS)</li> </ul> <p><b>Fractions A</b></p>	<p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>Talk about large numbers in real life (e.g., population figures, distances in space).</li> <li>Use number lines to estimate and position numbers.</li> <li>Play games involving rounding and ordering numbers.</li> <li>Discuss negative numbers in everyday contexts like temperatures or bank balances.</li> </ul> <p><b>Addition, Subtraction, Multiplication &amp; Division</b></p> <ul style="list-style-type: none"> <li>Encourage children to explain their methods aloud—this builds confidence and clarity.</li> <li>Use real-life problems (e.g., shopping</li> </ul>

<ul style="list-style-type: none"> <li>Compare and order fractions</li> <li>Add and subtract fractions and mixed numbers with different denominators</li> <li>Use lowest common multiples for calculations</li> <li>Solve multi-step problems involving fractions</li> </ul> <p><b>Fractions B</b></p> <ul style="list-style-type: none"> <li>Multiply and divide fractions</li> <li>Calculate fractions of amounts</li> <li>Use visual methods to understand fraction operations</li> </ul> <p><b>Converting Units</b></p> <ul style="list-style-type: none"> <li>Convert between metric units (e.g., mm, cm, m, km)</li> <li>Introduce conversions between metric and imperial units (e.g., miles to kilometres)</li> <li>Use multiplication and division by 10, 100, and 1000 for conversions</li> </ul> <p>These units are designed to build fluency, reasoning, and problem-solving skills, preparing pupils for end-of-Key Stage 2 expectations and SATs</p>	<p>budgets, recipes) to practise operations.</p> <ul style="list-style-type: none"> <li>Practise times tables regularly to support fluency in multiplication and division.</li> <li>Use online tools or apps for long division and multiplication practice.</li> </ul> <p><b>Fractions A &amp; B</b></p> <ul style="list-style-type: none"> <li>Use visual aids like fraction bars or pizza slices to show how fractions work.</li> <li>Cook or bake together—measuring ingredients helps with fractions of amounts.</li> <li>Play fraction games (e.g., matching equivalent fractions or fraction dominoes).</li> <li>Encourage children to draw diagrams to solve fraction problems.</li> </ul> <p><b>Converting Units</b></p> <ul style="list-style-type: none"> <li>Involve children in measuring tasks at home (e.g., height, weight, distances).</li> <li>Convert units during activities (e.g., “How many cm is 1.5m?”).</li> <li>Discuss imperial vs metric units—look at food packaging or road signs.</li> <li>Use conversion apps or calculators to check answers and build understanding.</li> </ul>
<p><b>Science</b></p> <p>This term our topics will be:</p> <ul style="list-style-type: none"> <li>Living things and their habitats. Pupils will learn about the classification of all plants and animals.</li> <li>Animals including humans- identify and name the main parts of the human circulatory system, and explain the functions of the heart, blood vessels and blood;</li> <li>Recognise the impact of diet, exercise, drugs on the way their bodies function</li> <li>Describe how nutrients and water are transported within animals.</li> </ul>	<ul style="list-style-type: none"> <li>Encourage your child to ask questions and help them to research the answers.</li> <li>Take your child to the Science Museum.</li> </ul>
<p><b>Computing</b></p> <p>Autumn 1: Internet Communication</p> <ul style="list-style-type: none"> <li>Understand how computers and networks communicate.</li> <li>Learn about internet addresses, data packets, and how information travels online.</li> </ul>	<ul style="list-style-type: none"> <li>Talk about technology: Discuss how computers, apps, and websites are used in everyday life.</li> <li>Encourage safe and responsible internet use—talk about online safety, privacy, and digital footprints.</li> </ul>

<ul style="list-style-type: none"> <li>Explore online collaboration tools and how to work together digitally.</li> <li>Discuss online safety, including responsible use and reporting concerns.</li> </ul> <hr/> <p><b>Autumn 2: Webpage Creation</b></p> <ul style="list-style-type: none"> <li>Design and create a simple webpage using HTML or web-based tools.</li> <li>Learn how to structure content for clarity and audience engagement.</li> <li>Understand copyright rules for using images, sounds, and text.</li> <li>Use hyperlinks to create non-linear presentations.</li> <li>Evaluate and improve digital content through peer review and self-assessment.</li> </ul>	<ul style="list-style-type: none"> <li>Explore coding platforms like Scratch, Tynker, or Code.org together.</li> <li>Let children teach you what they've learned—it reinforces their understanding and builds confidence.</li> </ul>
<p><b>History</b></p> <p>This term's topic is World War II. Pupils will learn about the countries involved, how the war began, The Blitz and key events during the war.</p>	<ul style="list-style-type: none"> <li>Help your child to do some background research, either at the library or online.</li> <li>Take your child to the Imperial War Museum or Churchill's War Rooms in Central London.</li> </ul>
<p><b>Geography</b></p> <p>Our Changing World:</p> <ul style="list-style-type: none"> <li>Weathering &amp; Erosion: Learn how natural forces break down and move rocks.</li> <li>Coastal Features: Explore how erosion shapes beaches, cliffs, arches, and stacks.</li> <li>Changing Coastlines: Study real examples like Spurn Head to see how coastlines evolve.</li> <li>Changing Landscapes: Compare past and present landscapes and predict future changes.</li> <li>Climate &amp; Human Impact: Discuss how climate change and human activity affect geography.</li> </ul>	<ul style="list-style-type: none"> <li>Visit local coastlines, rivers, or parks to observe erosion and landscape changes.</li> <li>Take photos over time to compare and discuss visible changes.</li> <li>Watch documentaries or news stories about climate change and coastal erosion.</li> <li>Discuss how rising sea levels or storms affect communities.</li> <li>Talk about how your local area has changed over time.</li> <li>Discuss how weather and human activity shape the land around you.</li> </ul>
<p><b>Art</b></p> <ul style="list-style-type: none"> <li>Artwork based around the London skyline. Pupils will be sketching St. Paul's Cathedral and then produce a final piece onto pastel backgrounds to represent WW2 searchlights.</li> </ul>	<ul style="list-style-type: none"> <li>Take your child to some of the many free art galleries in London. A good place to start would be the National Gallery in Trafalgar Square, or Tate Modern / Britain.</li> </ul>
<p><b>DT</b></p> <ul style="list-style-type: none"> <li>Our topic is Dig for Victory Menus.</li> <li>We will be looking at the type of food people ate during WWII.</li> </ul>	<ul style="list-style-type: none"> <li>Encourage your child to help prepare food at home. Talk to them about where the food they eat comes from.</li> </ul>
<p><b>RE</b></p> <ul style="list-style-type: none"> <li>This unit helps children explore beliefs about</li> </ul>	<ul style="list-style-type: none"> <li>Create a safe space for your child to ask questions and share thoughts about life,</li> </ul>

<p>life, death, and what might come after. It includes perspectives from major world religions and encourages thoughtful discussion and emotional reflection.</p>	<p>death, and beliefs. Listen without judgment and offer your own views respectfully.</p> <ul style="list-style-type: none"> <li>Talk about funeral customs and how people honour loved ones.</li> <li>Discuss how we can support someone who is grieving. Encourage your child to think about kindness, memory, and emotional support.</li> </ul>
<p><b>Music</b></p> <p>Exploring musical processes (composing and creating music)</p>	<ul style="list-style-type: none"> <li>Encourage your child to listen to a range of musical styles at home.</li> </ul>
<p><b>PE</b></p> <p>Outdoor – football and hockey- developing dribbling and passing skills, working towards small team games.</p> <p>Indoor – gymnastics. They will perform shapes and balances on their own and then perform these on the large apparatus.</p>	<ul style="list-style-type: none"> <li>Your child should bring their PE kit to school twice a week.</li> </ul> <p>Indigo – Mon (outdoor) / Thurs (indoor)</p> <p>Violet – Tues (indoor) / Fri (outdoor)</p>
<p><b>PSHE</b></p> <p>Learn about mental health and conflict resolution.</p>	<ul style="list-style-type: none"> <li>Speak to your child about how they are feeling and how to deal with conflict.</li> </ul>
<p><b>French</b></p> <p><b>Shape Book:</b> Learn shapes, colours, and size words.</p> <p><b>Colour Poem:</b> Create poems using descriptive vocabulary.</p> <p><b>Grammar:</b></p> <p>Gender of nouns</p> <p>Definite &amp; indefinite articles (le, la, les, un, une)</p> <p>Adjective position and agreement</p> <p>Singular &amp; plural forms</p>	<ul style="list-style-type: none"> <li>Label objects at home with French colour and shape words.</li> <li>Sing along to French songs on YouTube (e.g. Le/la song).</li> <li>Practice pronunciation using apps like Duolingo or BBC Bitesize French.</li> <li>Use a bilingual dictionary together to find new words.</li> <li>Create simple poems or drawings using French words.</li> </ul>
<p><b>Additional Useful Information</b></p> <p>Homework: This will be given out on Thursday and will need to be returned the following Wednesday.</p> <p>Spellings: These will be given out on Thursday and will need to be learnt for a test on Monday.</p> <p>Study Guides: These will be given out. Please take good care of them. They will need to be returned at the end of the year.</p>	



# **John Ruskin School Parents' Information Leaflet**

## **Year 6 Autumn 2025**

**Theme - War and Peace**

