

What Year 6 are learning	Hints for helping your child
<p>Literacy</p> <p>Literacy</p> <p>We will continue to follow the Renewed Primary Framework, linking with class topics wherever possible.</p> <p>Reading:</p> <ul style="list-style-type: none"> Exploring the features of a variety of texts, both fiction and non-fiction. The children will be reading in groups in Guided Reading sessions and will also be given time to read by themselves. They should continue to keep a record of the books they have checked. Children will also be practising reading comprehension in class in order to get ready for their SATs tests in May. <p>Writing:</p> <ul style="list-style-type: none"> Extended narrative – mystery stories Journalistic writing Formal arguments Formal and informal writing 	<ul style="list-style-type: none"> Encourage your child to read for at least 30 minutes, four times a week. Encourage your child to develop an interest in newspapers / magazines. Encourage your child to use the local library. Support your child in proof-reading (checking) their writing homework. Encourage your child to read newspapers.
<p>Mathematics</p> <p>We will continue to follow the Renewed Primary Framework:</p> <ul style="list-style-type: none"> Apply knowledge of multiplication and division of any positive integer, including decimals up to 10000 by 10 or 100, to problems quickly and accurately. Express larger fractions, simplify and order fractions. Convert fractions to decimals and order fractions and decimals. Convert metric units to 3 decimal places. Use tests of divisibility to check results Use a range of mental and written strategies to solve problems using all 4 operations including decimals with accuracy and efficiency. Calculate the perimeter and area of rectilinear shapes. Use co-ordinates in the first quadrant to draw and locate shapes Use a protractor. Interpret and solve problems using frequency tables, bar charts with grouped discrete data, line graphs. 	<ul style="list-style-type: none"> Encourage your child to practise past papers e.g. using www.sats-papers.co.uk Encourage your child to use revision websites e.g. www.primarygames.co.uk, www.snappymaths.com Try to use practical maths around the home, e.g. cooking / shopping, travelling, telling the time etc. Help your child with their multiplication tables and the corresponding division facts. Write the year of your birth in Roman numerals. Help your child to revise and learn from their Maths CGP book (especially facts such as the properties of shapes and relationships between units of measure). Set quick fire mental maths questions, e.g. $21 - 4$, $27 + 9$ etc. $5\% \text{ of } £86 = £4.30$ Use 'Hit the Button' for Times Tables support.
<p>Science</p> <ul style="list-style-type: none"> Electricity. <p>Children will learn how to make a circuit. They will</p>	<ul style="list-style-type: none"> Encourage your child to ask questions and help them to research the answers.

<p>learn the standard symbols for electrical components in circuits and know how to change the brightness of a bulb.</p> <ul style="list-style-type: none"> Forces. <p>Children will learn to name the different forces acting on objects.</p> <ul style="list-style-type: none"> Revision. <p>Children will review the content of the science curriculum.</p>	<ul style="list-style-type: none"> Encourage your child to visit the school Fronter website, using hyperlinks to science websites. Support your child in using their science CGP and Letts revision books – ask them random questions from the study guides to reinforce their understanding.
<p>Computing</p> <ul style="list-style-type: none"> Monitoring <p>Children will use the <i>Scratch</i> program to monitor temperature, using sensors and light meters.</p> <ul style="list-style-type: none"> Control <p>Children will use <i>Flowol</i> to control a variety of technology, including traffic lights, a zebra crossing, fairground rides and a mobile.</p>	<ul style="list-style-type: none"> If possible, encourage your child to undertake research of the class topics, using the internet.
<p>History</p> <ul style="list-style-type: none"> The Industrial Revolution <p>Children will learn how transport has changed over time and that this has impacted on the lives of people in the locality.</p>	<ul style="list-style-type: none"> If possible, encourage your child to undertake research of the class topics, using the internet. Visit the London Transport Museum
<p>Geography</p> <ul style="list-style-type: none"> America <p>Children will study the physical and political geography of the USA. They will compare and contrast life in a desert location with that of London.</p>	<ul style="list-style-type: none"> If possible, encourage your child to undertake research (at the library or on the internet) of the class topics. Allow your child to use an atlas.
<p>Art</p> <ul style="list-style-type: none"> Art of USA <p>Children will create their own Andy Warhol and Lichtenstein pictures</p>	<ul style="list-style-type: none"> If possible, encourage your child to research American artists
<p>DT</p> <ul style="list-style-type: none"> Ingenious School invention <p>In groups, children will construct balloon buggies, using a range of equipment, including craft knives and glue guns.</p>	<ul style="list-style-type: none"> If possible, encourage your child to research how to construct different buggies.
<p>RE</p> <ul style="list-style-type: none"> Christianity <p>Pupils will learn about Art in Christianity.</p>	<ul style="list-style-type: none"> Support your child researching Christianity using the internet or the library.
<p>Music</p> <ul style="list-style-type: none"> Class singing and percussion with Georgina. 	<ul style="list-style-type: none"> Encourage your child to listen to a range of musical styles at home.
<p>PE</p> <ul style="list-style-type: none"> Net and ball games <p>Volleyball, tennis and basketball.</p> <ul style="list-style-type: none"> Striking and fielding games <p>Cricket and rounders.</p>	<ul style="list-style-type: none"> Your child should bring their PE kit to school twice a week. <p>Indigo – Mon (indoor) / Thurs (outdoor) Violet – Tues (indoor) / Fri (outdoor)</p>

<p>PSHE</p> <ul style="list-style-type: none"> • Develop a healthy, safer lifestyle. Learn to recognise risks in different situations and the importance of making the right decisions. 	<ul style="list-style-type: none"> • Talk to your child about the potential risks in situations outside the home.
<p>Learning Skills</p> <ul style="list-style-type: none"> • Use some strategies to support the learning of others matched to their needs. 	<ul style="list-style-type: none"> • Encourage your child to support any younger siblings with their learning.
<p>French</p> <ul style="list-style-type: none"> • Creating a café. Children will learn to ask for drinks and snacks in French. They will use the Euro with simple prices. They will use the past tense. 	<ul style="list-style-type: none"> • Encourage your child to name drinks and snacks in French.
<p>Additional Useful Information</p> <ul style="list-style-type: none"> • Provide a quiet place where your child can concentrate on their homework. • Homework is given out every Thursday and is due in the following Wednesday. Children are given three pieces of homework every week – English, maths and science. • P.E. days: Indigo: Mondays and Thursdays; Violet: Tuesdays and Fridays 	



John Ruskin School Parents' Information Leaflet

Year 6
Spring 2022
Topics:
 Spring 1: Ingenious Inventions
 Spring 2: USA

*Celebrating 10 years of being an Ofsted Outstanding school
 across all Key Stages Nursery to Year 6
 2009-2019*