

Curriculum Overview for Year 5 Spring Term, 2nd half 2017

<p><u>Novel as a theme</u></p> <p>We will link our English lessons to the theme of 'Inventors and Inventions'.</p> <ul style="list-style-type: none"> To blend action, dialogue and description within and across paragraphs. To suggest changes to grammar, vocabulary and punctuation to enhance effects and clarify meaning. To ensure consistent and correct use of tense throughout writing. 	<h3>English</h3> <ul style="list-style-type: none"> To ensure consistent subject and verb agreement. To create complex sentences by using relative clauses with the pronouns 'which' and 'whose'. To assess the effectiveness of own and other's writing in relation to audience and purpose. To use organisation and presentational devices e.g. headings, subheadings, bullet points, diagrams, text boxes. <p><u>Magazine: Information Text Hybrid</u></p> <ul style="list-style-type: none"> To justify opinions and elaborate by referring to the text. To explain the effect on the reader of that author's choice of language. <p><u>Reading</u></p> <p>The children will continue to have discrete spelling and handwriting sessions.</p>	<h3>Art & Design</h3> <p>We will be developing our printing skills through artwork based on the Mother's Day and Easter celebrations.</p>	<h3>Computing</h3> <p>E-safety is a vital part of the computing curriculum. We will be discussing how children can use technology safely, respectfully and responsibly.</p> <p>Mrs McLean will teach computing this half term. The children will be learning about programming and how algorithms are used when designing a program to accomplish a specific goal. The children will be using programming software to create simple and complex simulations.</p>
<p><u>Week 1</u></p> <ul style="list-style-type: none"> Divide numbers mentally and using a formal written method (up to 4 digits) Solve problems by scaling. <p><u>Week 2</u></p> <ul style="list-style-type: none"> Draw given angles and measure in degrees. Identify angles on a straight line. Estimate and compare acute, obtuse and reflex angles. <p><u>Weeks 3 & 4</u></p> <ul style="list-style-type: none"> Convert between mixed numbers and improper fractions. 	<h3>Mathematics</h3> <ul style="list-style-type: none"> Add and subtract fractions with the same and different denominators. Identify equivalent fractions (tenths and hundredths). Calculate and compare the area of rectangles. Understand the difference between capacity and solid volume. Estimate and calculate volume in cuboids. <p><u>Weeks 5 & 6</u></p> <p>Assess and review prior learning.</p>	<h3>Design & Technology</h3> <p>We will be developing our understanding of mechanical systems, and create a simple cam mechanism to control movement. The children will develop their designing and making skills to create an automata animal.</p>	<h3>Geography</h3> <p>Not taught this half term.</p>
<h3>Science</h3> <p>This half term our science topic is forces.</p> <p>We will be learning about balanced and unbalanced forces, gravity, air resistance, water resistance, friction and mechanisms.</p>	<h3>History</h3> <p>Based on our theme 'Inventors and inventions' we will be learning about the Early Islamic Civilisation in Baghdad around AD900.</p> <p>We will be learning about the importance of Baghdad as a city, the House of Wisdom, the importance of discoveries made by Islamic scholars, the first four caliphs and Islamic art.</p>	<h3>Modern Languages</h3> <p>The children will be taught Mandarin once a week by a language specialist.</p>	<h3>Music</h3> <p>The children and Miss O'Kane will continue to learn to play the African drums. We have a music lesson every Wednesday morning taught by Mr Fitton.</p>
		<h3>Physical Education</h3> <p>Monday: Dance Thursday: Dance/Games</p> <p>Please ensure your child has their kit for both days. Pumps are required as we will be in the hall this half term.</p>	<h3>Religious Education</h3> <p>Our whole school worship theme is 'generosity' this half term.</p> <p>In our RE lessons our topic will be 'why do Christians believe that Easter is a celebration of victory?'</p>

