

<b>Geography</b> Rivers <ul style="list-style-type: none"> <li>Tasks about human settlement around rivers as well as tourism.</li> <li>Compare and contrast flooding in the UK and Bangladesh.</li> <li>Fund raising decisions concerning flood defences.</li> </ul>	<b>PHSE</b> Relationships <ul style="list-style-type: none"> <li>Sex and Relationships</li> <li>Healthy relationships</li> <li>Contraception</li> </ul>	<b>Music</b> Christmas Film Music <ul style="list-style-type: none"> <li>Learn to read from notation?</li> <li><u>Perform</u> Mozart's Theme (melody, chords separately and/or together) and Own variation</li> <li>Learn <u>Vocab</u> &amp; Composing devices</li> </ul>
<b>Computing</b> JavaScript <ul style="list-style-type: none"> <li>Understand several key algorithms that reflect computational thinking.</li> <li>Use two or more programming languages, at least one of which is textual, to solve a variety of computational problems.</li> <li>Design and develop modular programs</li> </ul>	<b>Design Technology</b> <p>Textiles – E-textiles Christmas cushion.</p> <ul style="list-style-type: none"> <li>Following a pattern.</li> <li>Hand applique and embroidery techniques.</li> <li>Using electro-conductive thread to construct a working electronic circuit.</li> </ul> <p>Sewing machine threading and use to join fabrics</p>	<b>English</b> <ul style="list-style-type: none"> <li>Victorian Literature, the <b>features and language</b> of Victorian writing, Dickens and Dickens' London.</li> <li>Develop <b>inference</b> skills.</li> <li>Develop writing skills through using <b>varied sentence structures</b> for effect.</li> <li>Explore <b>persuasive writing</b> to be able to apply <b>persuasive devices</b> in writing.</li> </ul>
<b>History</b> The Stuarts <ul style="list-style-type: none"> <li>To be able to draw on evidence and decide if the plotters were framed?</li> <li>Debate the concept of 'Divine Right'</li> <li>Interpretations of James I using the sources, focus on bias, fact, opinion, nature origin and purpose of the sources.</li> <li>Use information provided to debate on whether the Gun powder plot was a conspiracy or not?</li> </ul>	<b>French</b> Famille et domicile <ul style="list-style-type: none"> <li>Une journée dans la vie de</li> <li>Remembrance</li> <li>More on opinions</li> <li>More on the near future</li> <li>Christmas traditions in France – Galette des rois</li> </ul>	<b>Maths</b> Representations <ul style="list-style-type: none"> <li>Draw, plot and find co-ordinates on a four-quadrant grid</li> <li>Recognise lines that form <math>y = x</math>, <math>y = kx</math>, <math>y = x + a</math></li> <li>Explore positive and negative gradients and know how to form lines</li> <li><math>y = mx + c</math></li> <li>Link graphs to sequences and explore linear and non-linear graphs</li> <li>To draw and interpret scatter diagrams and drawing and using the line of best fit</li> <li>Identify different types of data and be able to read and interpret ungrouped and grouped frequency tables, discrete data and two-way tables</li> <li>Construct sample space for one or more events</li> <li>Find the probability from a sample space diagram, two-way tables, Venn Diagram</li> </ul>
<b>PE</b> Football, Rugby, Rowing, Gymnastics <ul style="list-style-type: none"> <li>To be able to construct a routine in pairs to meet the routine criteria.</li> <li>To be able to improve a performance</li> <li>To be able to use fitness to understand the short and the long term effects of exercise on the body</li> <li>Develop the skills of invasion games further to help to move to full contact rugby through touch</li> <li>Develop the skills of invasion game such as football</li> </ul>	<b>Science</b> Respiration and Photosynthesis <ul style="list-style-type: none"> <li>Aerobic respiration</li> <li>Anaerobic respiration</li> <li>Biotechnology</li> <li>Photosynthesis</li> <li>Structure of a leaf</li> <li>Plant Minerals</li> <li>Rate of Photosynthesis</li> </ul> <p><b>Matter:</b></p> <ul style="list-style-type: none"> <li>Elements and Periodic table</li> </ul>	<b>R.E</b> Exploring how faith may affect different believers' actions and opinions <ul style="list-style-type: none"> <li>Prejudice and discrimination</li> <li>Gender equality</li> <li>Racism</li> <li>Causes and effects of poverty</li> <li>Religion and wealth</li> <li>Forgiveness</li> </ul>
<b>Citizenship</b> Media and the public <ul style="list-style-type: none"> <li>Research the different types of media that can be used for political campaigns.</li> <li>Learn about the new types of technology that can be used.</li> </ul>	<b>Art</b> Pop Art Andy Warhol <ul style="list-style-type: none"> <li>Discovering Pop Art</li> <li>Historical relevance</li> <li>Discovering specific pop art artist'</li> <li>Pop Art – Popular culture today</li> <li>Making connections of art work and popular culture</li> </ul>	