

Class: Woodpecker	Topic Title: The Elements			Term: Autumn 2018
<p><b>English</b>  <b>Class Books:</b> <i>Swallows and Amazons</i> by Arthur Ransome; <i>Firework Maker's Daughter</i> by Philip Pulman.  <b>Classic Fiction:</b> Use the <i>Swallows and Amazons</i> story to review features of recount texts and descriptive writing techniques. <b>Observational Poetry:</b> think about how words can make the ordinary extraordinary. Recite and compose poems about <i>nature</i>. <b>Poetic form:</b> study syllabic poems including haikus, tankas, cinquains. Write some about the seasons.  <b>Biographies/Autobiographies</b> Arthur Ransome, Michael Morpurgo and Roald Dahl.  <b>Instructions/Explanations:</b> Use features to write about how to save the earth, a recipe for disaster or a science investigation.  <b>Speaking and Listening:</b> pose question, use role play, prepare a presentation for an audience including a poetry recital.  <b>Storytelling:</b> Hindu stories (links with RE).</p>	<p><b>Maths:</b> (<i>Yr 5 in italics</i>)  <b>Addition and subtraction:</b> mental strategies; understanding place value to develop calculation strategies; formal written methods; <i>count up to find change</i>; choose different methods of subtraction. <b>Multiplication and division:</b> learning and using facts in solving more advanced problems; <i>making decimal numbers, mental strategies; extend understanding of fractions.</i> <b>Measurement:</b> telling the time, calculating time intervals and using m, cm and mm in the measurement, of lengths, <i>including perimeters.</i> <b>Fractions and decimals:</b> addition using place value in formal addition. <b>Measures and data:</b> <i>measuring, reading scales and collecting, interpreting and recording data.</i> <b>Geometry:</b> <i>angles as degrees of 'turn', comparison, identification and measurement of angles.</i> <b>Number:</b> <i>compare and order whole numbers and decimals, equivalence in proper fractions and decimals.</i> <b>Topic related Maths:</b> Measure temperature, volume, time for science investigations. Present findings in tables, bar charts and line graphs.</p>	<p><b>Science</b>  <b>Living Things:</b> group, use classification keys, explain environmental impact. Explore lifecycles of plants and animals. <b>Materials:</b> study the water cycle to explain states of matter. Explore dissolving, separating, reversible, irreversible changes and specific uses.</p>	<p><b>Computing</b>  <b>Programming:</b> use <i>Scratch Animation</i> to learn about algorithms, sequence, repetition and debugging. <b>Online Safety:</b> reinforce the SMART rules with a <i>ToonDoo</i> comic. <b>Presenting:</b> make a topic linked eBook in <i>Book Creator (iPad)</i> to create and combine different media.</p>	<p><b>Music/Singing</b>  Charanga units: <i>Don't Stop Believin'</i> and <i>Classroom Jazz</i>. Develop skills of listening and appraising, singing, playing instruments and improvising. Use <i>Garage Band (iPad)</i> to create 'elements' inspired pieces.</p>
		<p><b>Geography/History</b>  Use a timeline to plot significant events or people such as fires, sea disasters, flight etc. Use maps to locate and describe world climate zones, vegetation belts, biomes, rivers, mountains, volcanoes and earthquakes.</p>	<p><b>Art/DT</b>  Study paintings of sky, water and fire by Turner, Constable, Friedrich, Monet, and Hokusai. Use watercolours, pastels, charcoal, tie-dye, clay, Plaster of Paris. Design a Koinobori Japanese Kite and a candle holder.</p>	<p><b>RE</b> How do Hindus express their beliefs through different images of deities and symbols? Understand the Christmas story from a Biblical viewpoint; make links with specific prophecies and Jesus' birth; explore ways that God communicates to people. Study traditions and symbolism of some Festivals.</p>
		<p><b>P.E</b>  Outdoor: play netball, hockey and football to develop ball skills of hitting, striking, fielding, kicking, dribbling, throwing, and catching. Indoor: explore different apparatus to improve various gymnastics skills.</p>	<p><b>Languages</b>  Share short phrases of the range of languages spoken within the class. <b>French:</b> Name and describe people, places and objects. Give a response using a short phrase. Develop reading and writing skills.</p>	<p><b>PSHCE</b>  <b>New Beginnings:</b> discuss themes of belonging, self-awareness, understanding and managing feelings, social skills, choices, rights and responsibilities. <b>Getting on and Falling out:</b> explore friendship, empathy, working together, managing anger, resolving conflict.</p>