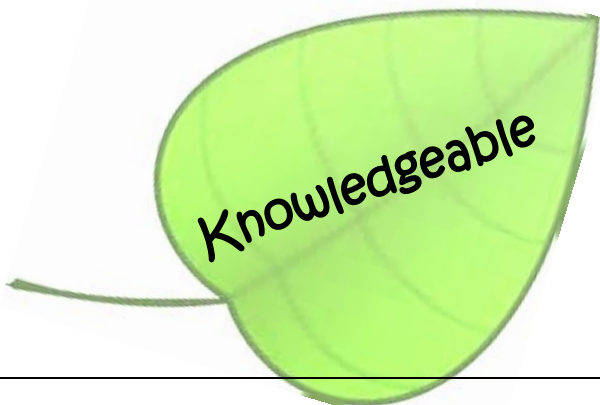


New Beginnings Year 6

| As writers and readings we will learn: | As mathematicians we will learn: | As scientists we will learn: |
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| <p>To write with purpose:</p> <ul style="list-style-type: none"> ⇒ Choose the appropriate form of writing using the main features identified in reading. <p>To use imaginative description:</p> <ul style="list-style-type: none"> ⇒ Use the techniques that authors use to create characters, settings and plots. ⇒ Create vivid images by using alliteration, similes, metaphors and personification. ⇒ Interweave descriptions of characters, settings and atmosphere with dialogue. <p>To organise writing appropriately</p> <ul style="list-style-type: none"> ⇒ Guide the reader by using a range of organisational devices, including a range of connectives. ⇒ Choose effective grammar and punctuation. ⇒ Ensure the correct use of tenses throughout a piece of writing. <p>To understand texts:</p> <ul style="list-style-type: none"> ⇒ Recommend books to peers, giving reasons for choices. ⇒ Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence. ⇒ Identify and discuss themes and conventions in and across a wide range of writing. | <p>To use know and use numbers:</p> <ul style="list-style-type: none"> ⇒ Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit. ⇒ Round any whole number to a required degree of accuracy. ⇒ Use negative numbers in context, and calculate intervals across zero. ⇒ Solve number and practical problems that involve all of the above. ⇒ Solve addition and subtraction multi-step problems in context, deciding which operation and method to use, and why. ⇒ Multiply multi-digits numbers up to 4 digits by a 2 digit number, using a formal method. ⇒ Divide numbers up to 4 digits by a 2 digit whole number using a formal written method and interpret remainders as fractions. ⇒ Divide numbers up to 4 digits by a 2 digit number using formal short methods. ⇒ Identify common factors, common multiples and prime numbers. ⇒ Solve problems involving the 4 operations.. ⇒ Perform mental calculations, including with mixed operations and large numbers. | <p>To work scientifically:</p> <ul style="list-style-type: none"> ⇒ Plan enquires, including recognising and controlling variables. ⇒ Use appropriate techniques, apparatus and materials. ⇒ Take measurements. ⇒ Record data. <p>To understand electrical circuits:</p> <ul style="list-style-type: none"> ⇒ Identify and name the basic parts of a simple electrical circuit, including cells, wires, bulbs, switches and buzzers. ⇒ Associate the brightness of the lamp or volume of the buzzer with the number of cells used in the circuit. ⇒ Compare and give reasons for variations in how components function, including brightness of bulbs, the loudness or buzzers and the on/off position of switches. |
| <p>As computing technicians we will learn:</p> <p>To connect:</p> <ul style="list-style-type: none"> ⇒ Collaborate with others online. ⇒ Give examples of the risks of online communities. <p>Understand how simple networks are set up and used.</p>  | <p>As citizens we will learn:</p> <p>Self Esteem (relating to puberty) Year 6 only</p> <ul style="list-style-type: none"> ⇒ To prepare pupils for the physical and emotional changes brought about by puberty <p>Preparing for Puberty and the skin Year 6 only</p> <ul style="list-style-type: none"> ⇒ To make pupils aware of the physical and emotional changes that take place as they go through puberty ⇒ To give pupils the opportunity to discuss any concerns regarding puberty ⇒ Explore and appreciate the importance of the skin in keeping healthy ⇒ Understand the importance of hygiene. <p>To understand beliefs and teachings: Pilgrimage</p> <ul style="list-style-type: none"> ⇒ Explain how some teachings and beliefs are shared between religions. ⇒ Explain how religion shapes the lives of individuals and communities. | <p>As artists and designers we will learn:</p> <p>To develop ideas:</p> <ul style="list-style-type: none"> ⇒ Develop ideas from starting points, throughout the curriculum. ⇒ Collect information, sketches and resources. ⇒ Adapt and refine ideas as they progress. <p>To master techniques: Painting</p> <ul style="list-style-type: none"> ⇒ Use a number of brush techniques using thick and thin brushes to produce shapes, textures, patterns and lines. ⇒ Mix colours effectively. ⇒ Use watercolour paint to produce washes for background then add colour. ⇒ Experiment with creating mood with colour. |