

Topic	Year 3 – Spring Curriculum Overview
<p><u>Science</u></p>	<p style="text-align: center;"><u>Scientists and inventors</u></p> <p>This 'Scientists and Inventors' unit will teach your class about famous scientists and inventors linked to the Y3 science curriculum.</p> <p style="text-align: center;"><u>Rocks</u></p> <p>Through this unit, children should come to recognise that underneath all surfaces is rock which is not always visible, that rocks get broken down into pebbles and soils which we can often see, and that there are different types of rock with different characteristics. Pebbles and soils from different rocks consequently have different characteristics.</p> <p>Experimental and investigative work focuses on:</p> <ul style="list-style-type: none"> • considering whether a test is fair • measuring volumes of liquids using the appropriate apparatus • making comparisons <p>drawing and suggesting explanations for conclusions.</p>
<p><u>ART</u></p>	<p style="text-align: center;"><u>Fruit and Veg</u></p> <p>This Fruit and Vegetable unit will teach your class about how to use pencil, colour, paint, clay, paper, and textiles to create quality art work that shows progression in their skills.</p> <p style="text-align: center;"><u>William Morris (Sketching techniques)</u></p> <p>In this unit children explore Art by William Morris. They become familiar with who he was and what kind of work he produced. Children learn how to sketch using pencil and further use these skills to produce a final piece that has been inspired by paintings of William Morris. Children work with different styles of adding colour including felt tip, crayons, pencil colours and paint.</p>
<p><u>Computing</u></p>	<p style="text-align: center;"><u>Presentation Skills</u></p> <p>This unit develops children's use of presentation software. The first three lessons teach children new skills, following on from previous skills learnt; setting the theme, slide transitions, animating objects onto the slide, creating hyperlinks in the action settings and adding audio and video.</p> <p style="text-align: center;"><u>Scratch - Programming and Logo</u></p> <p>This Programming Turtle Logo and Scratch unit will teach your class to create and debug algorithms. Following on from the earlier Year 2 unit on Preparing for Turtle Logo, the children use the basic commands in Logo to move and draw using the turtle on screen, and then further develop algorithms using the "repeat" command. These skills are then developed by teaching children to create algorithms in Scratch using a selection of blocks.</p>
<p><u>History</u></p>	<p style="text-align: center;"><u>The Railways</u></p> <p>This unit of work will teach your class about the development of the Railways in Great Britain giving them the opportunity to find out about the history of the railways and significant early locomotives.</p> <p style="text-align: center;"><u>Land Use</u></p> <p>This unit on land use provides children with the chance to take a careful look at the places around them, and begin to look for patterns in land use. They will become cartographers, making maps of the local area, and agricultural surveyors by considering where different types of farming activities occur within the UK.</p>

<p><u>PSHCE</u></p>	<p style="text-align: center;"><u>Money Matters</u></p> <p>This unit aims to encourage children to think about where money comes from and how it can be used. Children will discuss how we spend money, why people might need to borrow money and the consequences of this. Children will begin to explore how we can prioritise what we spend money and what choices we have, including considering the impact of ethical spending.</p> <p style="text-align: center;"><u>Being Safe - Persistence in asking for help and advice (AMS)</u></p> <p>In this Unit children learn about the importance of asking for help. Children think about why persistence is important when asking for help. They think about people they can trust in asking for help.</p>
<p><u>P.E</u></p>	<p style="text-align: center;"><u>Invasion Games (1)</u></p> <p>In this unit children learn how to outwit their opponents and score when playing invasion games. They develop skills in finding and using space to keep the ball. They play with the same basic court set-up and rules, but use a range of equipment and skills, including throwing, catching, kicking and striking skills.</p> <p style="text-align: center;"><u>Outdoor and adventurous activities</u></p> <p>In this unit children take part in simple orientation activities using maps and diagrams. They are set physical challenges and problems to solve, and work on their own and in small groups.</p> <p>In outdoor and adventurous activities, children follow maps and trails, try to solve physical problems and challenges, and learn how to work safely in a range of situations.</p>
<p><u>Mathematics</u></p>	<p>Below is a list of the topics we will be covering in maths, this term.</p> <p>Number, place value and money, Mental addition and subtraction, Written addition and mental subtraction, MEASURES/DATA Length, weight, bar charts, FRACTIONS, Number, place value and money, Mental addition and mental subtraction, Written addition and mental subtraction, MEASURES/SHAPE Time, position and direction, Mental multiplication and division, Mental multiplication and division.</p>
<p><u>Literacy</u></p>	<ul style="list-style-type: none"> • Myths and legends - Greek Myths • Stories about imaginary worlds • Myths and legends - Arthurian legends • Word level work • Sentence level work • Text level work