

<p><b>Maths</b> Place value Numbers up to 1000</p> <p style="text-align: right;">Addition and Subtraction Length &amp; Mass</p>	<p style="text-align: center;"><u>Whole Class Mental Maths Targets</u></p> <p>Know by heart all multiplication and division facts (up to 12 X) for 2x, 3x, 4x, 5x and 10x tables.  <u>Read and write</u> in words and figures numerals to <b>at least</b> 1000.</p>		
<p><b>English</b> <b>Fiction:</b> Adventure (6 weeks) <b>Poetry:</b> Shape poetry and Calligrams (3 weeks)</p>	<p><b>English Targets</b> Each class will receive targets based on the following areas: <b>purpose &amp; organisation</b>, <b>sentence construction and punctuation</b> &amp; <b>language effects</b>. Pupils will also receive personal targets.</p>		
<p><b>Science</b> <b>Humans, including animals - Autumn 1 &amp; 2</b> This unit requires children to: Identify that animals, including humans, need the right type and amount of nutrition and that they can't make their own food; they get nutrition from what they eat. Identify that humans and some animals have skeletons and muscles for support, protection and movement. <b>How does your garden grow?- Autumn 1 &amp; 2</b> In this topic children work scientifically on a variety of quick challenges and longer tasks to learn about plants. They learn about the different parts of plants, what plants need to live, water transportation and pollination.</p>	<p><b>Geography</b> Not studied this term</p>	<p><b>Art</b> <b>Watch this Space - Autumn 1</b> In this unit children study the work of Antony Gormley, Louise Bourgeois and Rachel Whiteread. They explore sculpture in public buildings and spaces. They discuss and use shape, form, colour and pattern to make a model of a sculpture for a site in the school or the local area. The children compare the ideas, methods and approaches used in the work of different sculptors.</p> <p><b>DT</b> <b>Photo Frames - Autumn 2</b> In this unit children gain an understanding of ways in which structures can be made stable, recognise conflicting demands on a stable structure and design and make a complete personalised free-standing photograph frame, appropriate for a particular person.</p>	
<p><b>P.E</b> <b>Outdoor - Autumn 1 &amp; 2</b> <b>Dance - Autumn 1</b> <b>Swimming - Autumn 1 &amp; 2 CC ONLY</b> In this unit children learn to enjoy being in the water and become more confident. They learn how to keep afloat, move in the water, meet challenges and breathe when swimming. At first they use swimming aids and support - in time, some children will manage without these. In all swimming activities, children have to keep afloat and propel themselves through water.</p>	<p><b>R.E</b> <b>What's it like living as a Jew? - Autumn 1 &amp; 2</b> Children will investigate Jewish symbols, the Sabbath, the Jewish community, their place of worship how they worship, and comparisons between faiths.</p> <p><b>Christianity: Commandments- Aut 2</b> Jesus' New Commandment &amp; the 2 Greatest Commandments</p>	<p><b>Music</b> <b>Musicianship-Aut 1 &amp; 2</b> In this unit children will develop a range of music skills, from singing and using their voices as an instrument to playing and understanding instruments. They'll also develop a greater understanding of musical notation.</p>	<p><b>Computing</b> <b>We are programmers Autumn 1</b> In this unit, the children create an animated cartoon using characters they design. They use a paint tool to create characters and backgrounds. They then create an animation by translating a storyboard into a series of scripted instructions (program) for graphic objects. <b>We are bug fixers Autumn 2</b> In this unit, the children work with 6 example Scratch projects. They explain how the scripts work, finding &amp; correcting errors in them &amp; explore creative ways of improving them. They learn to recognise common types of programming error and practise solving problems through logical thinking.</p>