



*Mellor St Mary CE Primary School*  
**Learning Overview Year 4/5**

This is the Learning Overview for the Autumn Term 2022/2023. It shows what we will be learning about in school and how this may be developed and enriched at home, either through the activities listed below or some of your own choosing.

<b>Genesis 1:1, 26</b>	<b>Autumn Term 1: What is Happening in the Rainforest?</b>	
<b>Subject</b>	<b>In School we will be learning...</b>	<b>Follow up home activities...</b>
English	<p>We are then going to look at a range of books based around two topics. Firstly, Jasper Prince of Cats by Michael Morpurgo which we will link to Newspaper articles Character descriptions, reports, letters, advertising leaflets and balanced reports.</p> <p>Secondly, Robot Girl by Malorie Blackman. We will be model writing Science-fiction narratives Discussions, debates, dialogue, character comparisons and reviews.</p> <p>Spellings – we will follow No Spelling Leagues scheme of work, learning new spelling patterns and recapping on ones from previous year groups. Children will have spelling lists each week set of Fridays and Tested the following Friday. We will be practising them daily in our starters from 8,30 to 8.50 in our spelling grids.</p> <p>Grammar – we will be integrated in to English sessions and a SPaG mini assessment will be issued every fortnight as part of our English homework to identify areas requiring further support.</p>	<p>Help the children to work on their personalised spellings, using them in different contexts.</p> <p>Encourage your child to read every day. Try to get them to read a range of different text types.</p> <p>Enable your child to carry out further research into the topics that we are studying in our termly Key questions and class reads.</p> <p>Homework will be set every Monday on Google classroom then will be assessed after submission. The hand in date will be the following Monday.</p>
Maths	<p>This term we are going to be using White Rose Maths</p> <p>I have been asked several times for a specific breakdown of the components of Maths taught so that parents can support the children so I have broken the program down in to the individual components so parents can search clearly online to see what these maths elements are.</p> <p><b><u>Year 4</u></b>            Place Value            Step 1 Represent numbers to 1,000            Step 2 Partition numbers to 1,000            Step 3 Number lines to 1,000            Step 4 Thousands</p>	<p>Help your child to practise times tables. It is important they become fluent at recalling facts to 12 x 12 and can apply these into other areas of maths. They will really help with fraction, decimal and division work.</p> <p>Involve your child when shopping, cooking or other activities involving maths so that it will give them experience of using maths in a real world scenario.</p>

	<p>Step 5 Represent numbers to 10,000  Step 6 Partition numbers to 10,000  Step 7 Flexible partitioning of numbers to 10,000  Step 8 Find 1, 10, 100, 1,000 more or less</p> <p>Step 1 Add and subtract 1s, 10s, 100s and 1,000s  Step 2 Add up to two 4-digit numbers – no exchange  Step 3 Add two 4-digit numbers – one exchange  Step 4 Add two 4-digit numbers – more than one exchange  Step 5 Subtract two 4-digit numbers – no exchange  Step 6 Subtract two 4-digit numbers – one exchange  Step 7 Subtract two 4-digit numbers – more than one exchange  Step 8 Efficient subtraction  Step 9 Estimate answers Step 10 Checking strategies</p> <p><u>Measurement</u>  Step 1 What is area?  Step 2 Count squares  Step 3 Make shapes  Step 4 Compare areas</p> <p><u>Multiplication</u>  Step 1 Multiples of 3  Step 2 Multiply and divide by 6  Step 3 6 times-table and division facts Step 4 Multiply and divide by 9  Step 5 9 times-table and division facts Step 6 The 3, 6 and 9 times-tables  Step 7 Multiply and divide by 7  Step 8 7 times-table and division facts</p> <p><b><u>Year 5</u></b>  <u>Place Value</u>  Step 1 Represent numbers to 1,000 Step 2 Partition numbers to 1,000  Step 3 Number line to 1,000  Step 4 Thousands  Step 5 Represent numbers to 10,000 Step 6 Partition numbers to 10,000 Step 7 Flexible partitioning of numbers to 10,000 Step 8 Find 1, 10, 100, 1,000 more or less  Step 9 Number line to 10,000  Step 10 Estimate on a number line to 10,000  Step 11 Compare numbers to 10,000 Step 12 Order numbers to 10,000  Step 13 Roman numerals  Step 14 Round to the nearest 10  Step 15 Round to the nearest 100  Step 16 Round to the nearest 1,000</p> <p><u>Addition and Subtraction</u>  Step 1 Add and subtract 1s, 10s, 100s and 1,000s  Step 2 Add up to two 4-digit numbers – no exchange  Step 3 Add two 4-digit numbers – one exchange  Step 4 Add two 4-digit numbers – more than one exchange</p>	<p>Challenge your children in speed test for multiplication tables and other maths adventures.</p> <p>Ask them to explain what they have learned in the steps that day/week.</p>
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	<p>Step 5 Subtract two 4-digit numbers – no exchange</p> <p>Step 6 Subtract two 4-digit numbers – one exchange</p> <p>Step 7 Subtract two 4-digit numbers – more than one exchange</p> <p>Step 8 Efficient subtraction</p> <p>Step 9 Estimate answers</p> <p>Step 10 Checking strategies</p> <p><u>Measurement</u></p> <p>Step 1 What is area?</p> <p>Step 2 Count squares</p> <p>Step 3 Make shapes</p> <p>Step 4 Compare areas</p> <p><u>Multiplication and division</u></p> <p>Step 1 Multiples of 3</p> <p>Step 2 Multiply and divide by 6</p> <p>Step 3 6 times-table and division facts Step 4 Multiply and divide by 9</p> <p>Step 5 9 times-table and division facts Step 6 The 3, 6 and 9 times-tables</p> <p>Step 7 Multiply and divide by 7</p> <p>Step 8 7 times-table and division facts</p> <p>Step 9 11 times-table and division facts</p> <p>Step 10 12 times-table and division facts</p> <p>Step 11 Multiply by 1 and 0</p> <p>Step 12 Divide a number by 1 and itself</p> <p>Step 13 Multiply three numbers</p> <p>Children will continue to work with Times Tables Rockstars to build their fluency up to 12 x 12. This will be supplemented by a 10 minute session online daily in school.</p>	
Science	<p>Science is the basis on which we will do of our work through the curriculum. This term we are investigating Plants and Living things. We will be looking at growth and the developments of living things and how we classify the differences and similarities.</p>	<p>Give your child the chance to research the topic, identifying aspects that they find interesting, generating questions they want to find out.</p> <p>Grow a plant in the house and look how to take care of it. How does it change over time? This may take a whole year to record.</p> <p>Give them the opportunity to watch documentaries such as Blue Planet or Planet Earth.</p>
Computing		<p>Speak to your children about the different things that you may use a network or the internet for, making them aware of opportunities available to them.</p>
RE	<p>We will be looking at the concepts of leadership and how God, David and how the Psalms lead us in making good choices when following our Christian values.</p>	<p>Talk to your child about how we can deliver the message of Christ by being a leader in sharing the message of strong Christian values during these important calendar events.</p>

	<p>We will be investigating the underlying reasoning behind Harvest while preparing Psalms for our Harvest festival.</p> <p>Approaching Christmas, we will be exploring the Symbolism of Light during this important time in the Christian calendar while considering our own impact on the world when projecting God's light and messages.</p>	
PE	<p>This half term we will take part in Invasion games where we will be practicing and manipulating our learned and new skills to work as teams against opponents.</p> <p>As the weather gets colder we will be heading inside while further developing our Gymnastics skills.</p> <p>The children will be developing warm up and cooling down routines for each of their body part groups.</p>	<p>Please ensure your child has their PE kit in school all week.</p> <p>This should also include a plain outside kit consisting of black tracksuit bottoms and a warm jumper or tracksuit top (non fashion).</p> <p>Also encourage to take part in physical exercise at home during the week.</p>
Music	<p>During this term the children will be working through the Kapow music scheme to develop and perform a musical composition that is inspired and influenced by our work on the rainforests in South America.</p> <p>We will also be learning songs from our Sing and Praise sessions which will lead up to a public performance.</p>	<p>Help the children to learn the lyrics and practise the songs.</p> <p>Encourage children to select household instruments that may help them to generate personal interpretations of what the rainforest environment may deliver.</p>
Geography	<p>We will be investigating South America's geographical changes over time. Our research will focus on Capital cities, Physical and Human features found in South America. We will be describing and comparing climates, biomes and vegetation belts along with topography.</p> <p>Our explorations of this continent will deliver understanding the changes of the land uses in Amazonia over time and why.</p> <p>Six figure grid references will be used and we will further develop our understanding of distance calculations</p>	<p>Help children to research the South American continent paying particular attention to deforestation and the impact of human features on changing the landscape and environment in South America.</p>
PSHE	<p>Year 4- What strengths, skills and interests do we have? In these units we will be investigating how we can choose a balance of activities to give us a rounded and well balanced extracurricular life both in and out of the school environment.</p> <p>Year 5 – Families, Relationships, Health and Wellbeing. In these units we will be exploring our connections with those around us and investigation the healthy ways to live our lives. We will think about what actions and reactions are healthy and which should be avoided for our wellbeing.</p>	<p>Talk to your children about –</p> <p>Year 4 – a balanced set of activities that is needed to give a broad understanding of the world.</p> <p>Year 5 – Discuss appropriate and inappropriate behaviours connected with Families and Healthy living.</p>
Art	<p>This term we will be developing / practicing our skills in sketching and drawing while taking</p>	<p>Encourage children to practise using art skills including</p>

	<p>particular focus on the plants that are native to the UK and contrasting with others from around the world. In particular children will be researching those species of plants found in the rain forests of South America.</p>	<p>sketching and shading natural objects in their environment.</p>
<p>Foreign Language</p>	<p>Children will learn how to talk about their animals through a monster investigation that encourages children to ask and answer questions in full sentences. Children will be encouraged to use intonation and tone to correctly verbalise their written work.</p>	<p>Use the website <a href="https://www.french-games.net/frenchttopics">https://www.french-games.net/frenchttopics</a> to help your children practice and recap topics including animals, colours etc. When out in the community, try and practice what has been learnt by asking the children how objects they see are pronounced in French.</p>