



## Robert Mellors Primary Academy – Medium Term Plan

### Phase UKS2 Term Autumn

<b>Topic: Extreme Earth</b>								
	Week 1 5.9.22	Week 2 12.9.22	Week 3 19.9.22	Week 4 16.9.22	Week 5 3.10.22	Week 6 10.10.22		
<b>English</b>	Newspaper Gentle Giant	Newspaper Gentle giant	Newspaper Gentle giant	Biography Michael Morpurgo	Biography Michael Morpurgo	Biography Michael Morpurgo		
<b>Maths</b>	Place Value	Place value	Place Value	Addition and subtraction	Addition and subtraction	Multiplication and division		
<b>Y5</b>								
<b>Y6</b>	Place Value	Place Value	Four operations	Four operations	Four operations	Four operations		
<b>Science</b> Living things and their habitats	I can describe how living things are classified into groups based on similarities and differences.	I can describe how animals are classified into groups based on similarities and differences.  I can report findings in a variety of ways.	I can understand and identify vertebrate and invertebrate animals.	I can read, spell and pronounce scientific vocabulary accurately.	I can describe how plants are classified into groups based on similarities and differences.	I can understand different micro- organisms.		
<b>History</b>								
<b>Geography</b>	I can find out about the Earth's climate and areas of extreme temperatures	I can find out about the water cycle and the distribution of water across the world and discuss	I can find out about extreme weather conditions across the world.	I understand what causes earthquakes and the impact of them.	I can locate major earthquakes from around the world using an atlas.	I understand what causes tsunamis and the impact of them.		





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<b>Table Tennis Y6</b>	Table tennis	Table tennis	Table tennis	Table tennis	Table tennis	Table tennis		
<b>Health related fitness Y5</b>	Develop children's knowledge of how the food & drink we consume affects our body Develop children's ability to exercise at different intensities	Develop children's knowledge of how the food & drink we consume affects our body Develop children's ability to exercise at different intensities	Develop children's knowledge of how the food & drink we consume affects our body Develop children's ability to exercise at different intensities	Develop children's knowledge of how the food & drink we consume affects our body Develop children's ability to exercise at different intensities	Develop children's knowledge of how the food & drink we consume affects our body Develop children's ability to exercise at different intensities	Develop children's knowledge of how the food & drink we consume affects our body Develop children's ability to exercise at different intensities		
<b>Art</b>								
<b>Music</b>								
<b>Computing</b>	How does the internet and media shape our views?	What does the information online say about us?	How would you deal with online bullying?	How do you make informed decisions online? Can you trust everything you read online?	Can technology impact on your health?	How secure are you with your online information and accounts?		



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						Who owns the information on the internet?		
<b>DT</b>								
<b>French</b>	Petit Chaperon rouge	Petit Chaperon rouge	Petit Chaperon rouge	Petit Chaperon rouge	Petit Chaperon rouge	Petit Chaperon rouge		
<b>Topic: Extreme earth</b>								
	Week 7 31/10/22	Week 8 07/11/22	Week 9 14/11/22	Week 10 21/11/22	Week 11 28/11/22	Week 12 05/12/22	Week 13 12/12/22	Week 14 19/12/22
<b>English</b>	Biography Michael Morpurgo	Explanation linked to science	Explanation linked to science	Explanation linked to science	Explanation linked to science	Narrative Own story	Narrative Own story	Narrative Own story
<b>Maths</b>	Multiplication and division	Multiplication and division	Consolidation	Fractions A	Fractions A	Fractions A	Fractions A	Consolidation
<b>Y5</b>								
<b>Y6</b>	Four operations	Consolidation	Fractions A	Fractions A	Fractions B	Fractions B	Measurement Converting Units	Consolidation
<b>Science</b> Evolution and inheritance	I can understand different theories about how life on Earth began.	I can understand that fossils provide information about living things that inhabited the Earth millions of years ago.	I can read, spell and pronounce scientific vocabulary accurately.	I can recognise that living things have changed over time and how animals and plants may adapt to suit their environment.	I can recognise that living things have changed over time and how animals and plants may adapt to suit their environment.	I can recognise that living things produce offspring of the same kind but are not usually identical to their parents.	I can identify how animals and plants are adapted to suit their environment.	





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<b>Y5 and 6</b>								
<b>Table tennis Y6</b>	Table tennis	Table tennis	Table tennis	Table tennis	Table tennis	Table tennis		
<b>Art</b>		<p>I can study and compare the work of artists.</p> <p>I can express and justify opinions about art.</p>	<p>I can research the work of an artist.</p> <p>I can express and justify opinions about art.</p>	<p>I can research the work of an artist and use their work to replicate a style</p> <p>I can create sketchbooks to record observations as a starting point for your own art.</p>	<p>I can create sketchbooks to record observations as a starting point for your own art.</p> <p>I can explain why I have used different tools to create art Y6</p>	<p>I can research the work of an artist and use their work to replicate a style</p> <p>I can use observations as a starting point for your own art.</p> <p>I can improve technique using collage and mixed media</p>	<p>I can use sketchbooks and art to review and revisit ideas.</p> <p>I can use feedback to make amendments and improvement to my art Y6</p> <p>I can explain the style of my work and how it has been influenced by a famous artist Y6</p>	
<b>Music</b>	Cheranga	Cheranga	Cheranga	Cheranga	Cheranga	Cheranga		
<b>Computing</b>	What is VR?	What is an online account?	What are scenes in my VR world?	How can we record our script and add it to our VR world?	How do we view our VR worlds?			



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DT				<p>I can research to develop a design specification for a functional product. (45mins)</p> <p>I can communicate ideas through annotated sketches, pictorial representations of electrical circuits or circuit diagrams. (30 mins)</p>	<p>I understand the essential characteristics of a series circuit and experience of creating a battery-powered, functional, electrical product. (60 mins)</p>	<p>I can generate and develop innovative ideas and share and clarify these through discussion. (60 mins)</p> <p>I can think about the requirements of a light for a particular purpose in terms of: – what it should look like and – how it might work; (30 mins)</p>	<p>(FULL DAY)</p> <p>I understand and can use electrical systems in their products.</p> <p>I can competently select and accurately assemble materials, and securely connect electrical components to produce a reliable, functional product.</p> <p>I can continually evaluate and modify the working features of the product to match the initial design specification.</p>	
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