









# Year 5 - Term 3 - Medium Term Plan - Earth and Beyond! / What would you discover on a South American road trip?

	Week 1 (3 days)	Week 2	Week 3	Week 4 <i>National Handwriting Day</i> - Tues 23rd Jan	Week 5 <i>Children's Mental Health</i> Week	Week 6 <i>Safer Internet Week</i>
	Earth and Beyond! (Science Focus)			What would you discover on a South American road trip? (Geography Focus)		
<b>Reading</b> 	<b>When The Sky Falls - Phil Earle</b> 					
<b>Writing</b>	<b>Focus Text:</b> Curiosity: The Mars Rover  <b>Stage of Writing:</b> Hop in!  <b>Non-Fiction Outcome:</b> Travel brochure for trips to Mars  <b>Purpose:</b> writing to argue  <b>Audience:</b> People looking for an out-of-this-world holiday!	<b>Focus Text:</b> Curiosity: The Mars Rover  <b>Stage of Writing:</b> Dive Deeper!  <b>Non-Fiction Outcome:</b> Travel brochure for trips to Mars  <b>Purpose:</b> writing to argue  <b>Audience:</b> People looking for an out-of-this-world holiday!	<b>Focus Text:</b> Curiosity: The Mars Rover  <b>Stage of Writing:</b> Make Waves!  <b>Non-Fiction Outcome:</b> Travel brochure for trips to Mars  <b>Purpose:</b> writing to argue  <b>Audience:</b> People looking for an out-of-this-world holiday!	<b>Focus Text:</b> Ada's Violin  <b>Stage of Writing:</b> Hop in!  <b>Fiction Outcome:</b> A viewpoint narrative from the point of view of Ada.  <b>Purpose:</b> writing to entertain  <b>Audience:</b> People who care about the planet and its people!	<b>Focus Text:</b> Ada's Violin  <b>Stage of Writing:</b> Dive Deeper!  <b>Fiction Outcome:</b> A viewpoint narrative from the point of view of Ada.  <b>Purpose:</b> writing to entertain  <b>Audience:</b> People who care about the planet and its people!	<b>Focus Text:</b> Ada's Violin  <b>Stage of Writing:</b> Make Waves!  <b>Fiction Outcome:</b> A viewpoint narrative from the point of view of Ada.  <b>Purpose:</b> writing to entertain  <b>Audience:</b> People who care about the planet and its people!
<b>Maths</b>	<b>Fractions A (White Rose Overview)</b> <ul style="list-style-type: none"> <li>Compare and order fractions less than 1</li> <li>Compare and order fractions greater than 1</li> <li>Add and subtract fractions with the same denominator</li> <li>Add fractions within 1</li> <li>Add fractions with total greater than 1</li> <li>Adding with mixed numbers</li> <li>Subtract fractions</li> <li>Subtracting with mixed numbers</li> </ul>			<b>Multiplication and Division B (White Rose Overview)</b> <ul style="list-style-type: none"> <li>Multiply up to a 4-digit number by a 1-digit number</li> <li>Multiply a 2-digit number by a 2-digit number</li> <li>Multiply a 3-digit number by a 2-digit number</li> <li>Multiply a 4-digit number by a 2-digit number</li> <li>Short division</li> <li>Divide a 4-digit number by a 1-digit number</li> <li>Divide with remainders</li> <li>Solve problems with multiplication and division</li> </ul>		
<b>Science</b> Earth and Beyond (Snap Science)	<b>Lesson 1: What's in space?</b> <b>LO:</b> I can describe the shapes, positions and movement of the planets in the solar system and some of the differences between these and stars.  <b>Lesson 2: What is a year?</b> <b>LO:</b> I can use a model to	<b>Lesson 3: What is a day?</b> <b>LO:</b> I can use a diagram to explain the effect of the Earth's rotation in space.  <b>Lesson 4.1 &amp; 4.2: How does the Sun help us to measure time?</b> <b>LO:</b> I can make a shadow clock and carry out an investigation.	<b>Lesson 5 (SS 6): Why do we have seasons?</b> <b>LO:</b> I can explain how the Earth's tilt leads to seasonal changes.  <b>Lesson 6 (SS 8): Why does the Moon change shape?</b> <b>LO:</b> I can identify the phases of the Moon and explain why these occur.			

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	describe and compare the movements of different planets in space.	LO: I can record my findings in a table and a line graph.				
<b>Geography</b> What would you discover on a South American road trip?				<b>Lesson 1</b> LO: I can locate South America on a world map and describe its climate.  <b>Lesson 2</b> LO: I can explain what a biome is and describe the six main biomes of the world.	<b>Lesson 3</b> LO: I can explore the biomes and landscapes of South America.  <b>Lesson 4</b> LO: I can explore the human geographical features of South America.	<b>Lesson 5</b> LO: I can explore the physical geographical features of South America.  <b>Lesson 6</b> LO: I can compare a country in South America to the UK.
<b>RE</b> What would Jesus do? (UC)	<b>Lesson 1: What did Jesus say and do about the choices we come across in life?</b>  LO: I can explore how Jesus' commandments are seen throughout the Gospels in the Bible.	<b>Lesson 2: What would Jesus say are the Christian foundations for living?</b>  LO: I can explore the Christian foundations for living and compare them to those from other religions.	<b>Lesson 3: What would Jesus do about prayer today / ill health / to make a better world?</b> LO: I can explore the question 'What would Jesus do about prayer today, ill health, to make a better world?' and present my findings.	<b>Lesson 4: Can enemies become friends? What would Jesus do?</b>  LO: I can explore the ideas of forgiveness and reconciliation and reflect on what Jesus would do in times of conflict.	<b>Lesson 5: Why be generous? What would Jesus do?</b>  LO: I can explore the purpose of generosity and reflect on what advice Jesus would give about it.	<b>Lesson 6: Did Jesus ever become angry?</b>  LO: I can explore examples from the Bible where Jesus chose to respond to others in different ways.
<b>Design and Technology</b>  <i>Moon Buggies</i>  <b>Design Brief:</b> Design and make a Moon Buggy that could carry 3 moon rocks (rubbers).	<b>Stage 1: Research</b> LO: I can research Moon Buggies including their need and purpose. LO: I can investigate and analyse a range of chassis and axles which could be used to make a Moon Buggy.  <b>Step 2.1: Design</b> LO: I can design a Moon Buggy to accomplish the design brief given.	<b>Step 2.2: Design</b> LO: I can resource, prepare and organise the materials listed in my design.  <b>Step 3: build/construct</b> LO: I can build a product following my design, evaluating and adjusting my design based on its progress and its potential to meet the brief.	<b>Step 4: Test</b> LO: I can test my product to see if it performs its purpose.  <b>Step 5: Evaluate</b> LO: I can evaluate my product against the design brief given.			
<b>Computing</b>				<b>Y5 Computing Day</b> <b>Computer Science</b> PurpleMash Unit 5.5 (Game Creator)		<b>Y5 Computing Day</b> <b>Digital Literacy</b> - Responsibilities and Support when Online - Protecting Privacy
Music	<b>Charanga Unit 3: Composing and Chords</b>					
PSHE	<b>Jigsaw Piece 3: Dreams and Goals - Directed by Specialist Teacher - Gemma Oranken</b>					
PE	<b>PE Concept: Attack and defending and being a part of a team - Coached by Sam Wood</b>					
French (MFL)	See French Overview - Directed by Specialist Teacher -Myriam Philipon					