

West Bridgford Junior School
 Year 5 Spring Term 1 2024-25
 Medium Term Plan



Topic: May the force be with you

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Week 1 6.1.25	Week 2 13.1.25	Week 3 20.1.25	Week 4 27.1.25	Week 5 3.2.25	Week 6 10.2.25
	PPA		PPA Space Centre Trip		NO PPA – Dukes Barn
Whole School writing project (2 days)	Reading: fluency and retrieval (information texts) Non-chronological reports on planets – features and research. Note making Skimming and scanning Poetry: Cloudbusting	Reading: Survival in Space: Apollo 13 (inference skills) Non-chronological reports on planets – How to use present tense. Topic sentences Conjunctions to join ideas Writing and publishing on A3	Reading: Survival in Space: Apollo 13 (explanation) . Persuasive Writing: Identify the features of a persuasive letter. Elaborating to support a point. Poetry: Cloudbusting	Reading: Survival in Space: Apollo 13 (providing evidence to support an opinion) Persuasive Writing: Mars Mission application – draft paragraphs and supporting points.	Reading: Helen Sharman VIPERS comprehension. Persuasive Writing: Mars Mission Write up using model and then type to publish.

English

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Maths		<p>Multiplication Formal methods to multiply 2 x2 digit numbers. Problem solving – one step problems Two step problems (using data from a table)</p>	<p>Fractions Multiplying a unit fraction by an integer. Multiply a non-unit fraction by an integer. Multiply a mixed number by an integer.</p>	<p>Fractions Calculate fractions of quantities. Consolidate and end of unit assessment.</p>	<p>Division Solve one step problems involving division Solve two step problems involving division End of unit assessment.</p>	<p>Division Carry out short division (with remainders). Divide a 3-4 digit number by a one digit number.</p>
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Science		<p>The movement of the Earth and other planets in relation to the sun (Geocentric/Heliocentric) Study inspirational scientist Copernicus.</p> <p>Describe the Sun, Earth and Moon as approximately spherical bodies.</p>	<p>The moon relative to the Earth (phases of the moon - moon diary). Solar eclipse</p> <p>The Earth's rotation to explain day and night. The apparent movement of the sun across the sky.</p>	<p>Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</p> <p>WS- I can make predictions.</p> <p>WS – I can repeat an investigation to check readings.</p> <p>Study inspirational scientists Isaac Newton and Katherine Johnson.</p>	<p>Identify the effect of air resistance, water resistance and friction, that act between moving surfaces</p> <p>WS – I can use evidence to support or refute ideas</p> <p>Study inspirational scientist Galileo</p>	
Computing		<p>Mars Rover 1 To identify how and why data is collected from space.</p>	<p>Mars Rover 1 To read and calculate numbers using binary code.</p>	<p>Mars Rover 1 To identify the computer architecture of the Mars Rovers.</p>	<p>Mars Rover 1. To use simple operations to calculate bit patterns.</p>	<p>Mars Rover 1 To represent binary as text.</p> <p>Safer Internet Day</p>

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Art			Water colour planets Use watercolours to create washes.	Peter Thorpe – abstract space art Use chalks and pastels to create a background.	Peter Thorpe – abstract space art Use shading to create light and shadow when drawing rocket.	
RE		How does the role of the Christian community help people live a good life?	What is the Eucharist?			
PE	Lacrosse (skill – scooping)	Lacrosse (skill – throwing and catching underarm) Cross-country running and fitness (build fitness and stamina each week through interval running and circuit exercises)	Lacrosse (skill – throwing and catching overarm) Dance (with external provider)	Lacrosse (skill – throwing and catching on the move) Dance (with external provider)	Lacrosse (skill - defending and shooting) Dance (with external provider)	Lacrosse (mini games/ tournament) Dance (with external provider)
French		Language Angels Pets Do you have an animal? Yes, I have...	Language Angels Do you have an animal? What is their name?	Language Angels Do you have an animal? What is their name?	Language Angels What is the weather like?	Language Angels What is the weather in the north, south, east, west of France?

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PSHE		<p>Teamwork</p> <p>Teamwork involves many different roles to be effective.</p>		<p>Resilience and Courage</p> <p>Learning strategies for overcoming obstacles and facing failure (Katherine Johnson)</p>		<p>Peer pressure</p> <p>Learning that this is the direct or indirect influence from people of the same age. Showing resilience will help you to withstand this.</p>
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