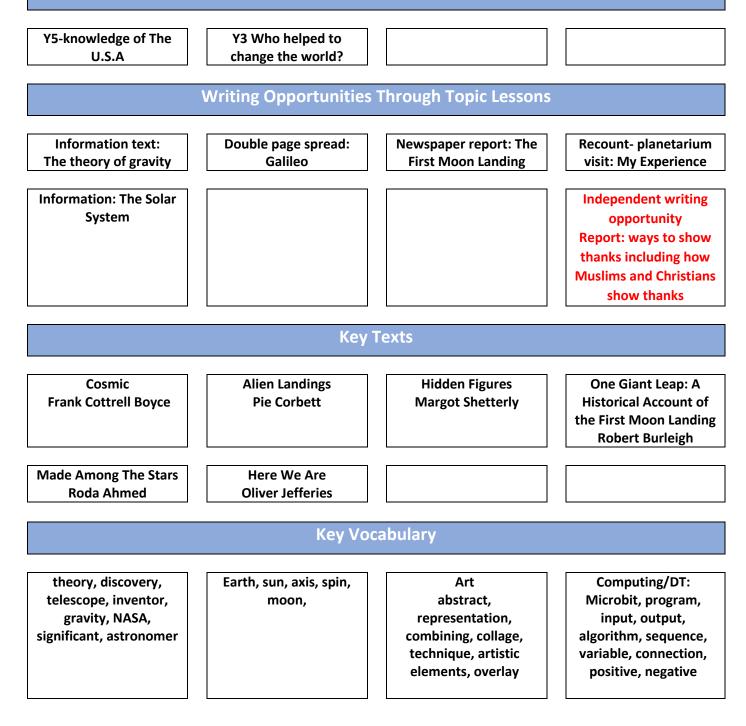


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Topic: What's beyond the sky?		
Year Group: 5	Term: Summer 2	
An	nbition:	
Know that inventors were ambition	ous to develop the world's technology	
Know that combined ambiti	ions create a shared goal (NASA)	
Con	nmunity:	
Know that communities are effected by	new knowledge and technological advances	
Eq	juality:	
Know that everyone has the sa	ame right to pursue their ambitions	

Links to Prior Learning



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	Proj	ects	
Art project: Explore different media to create effects influenced by Peter Thorpe		Computing/ DT project: <u>Programming-</u> Design a gadget that can that either responds to changes in light level or temperature	
	Concrete k	Cnowledge	
History Know about the achievements of Galileo and its impact on the knowledge of space	History Know that Neil Armstrong was the first man to walk on the moon in 1969	History Know about the achievements of Katherine Johnson, Dorothy Vaughan and Mary Jackson to NASA and why this is significant	Geography Know that the earth rotates on its axis and that this causes day and night
Art Know that abstract art does not represent a place/ person in the natural world	Art Know that different media can be combined to create an effect		Ed. visit follow up: Recount- planetarium visit: My Experience
properties and aes Know that mechan have an input, prov Know how more co and components ca functional product Know how to prog	Is have both functional thetic qualities ical and electrical systems cess and output omplex electrical circuits an be used to create s ram a computer to a the environment and		

Skill Progression

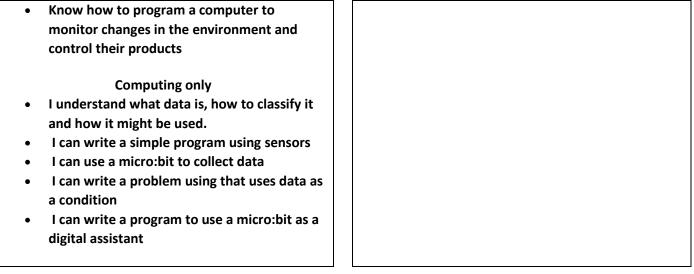
History I can describe Isaac Newton's theory about gravity and its impact on the world Geography I can explain how day and night occurs

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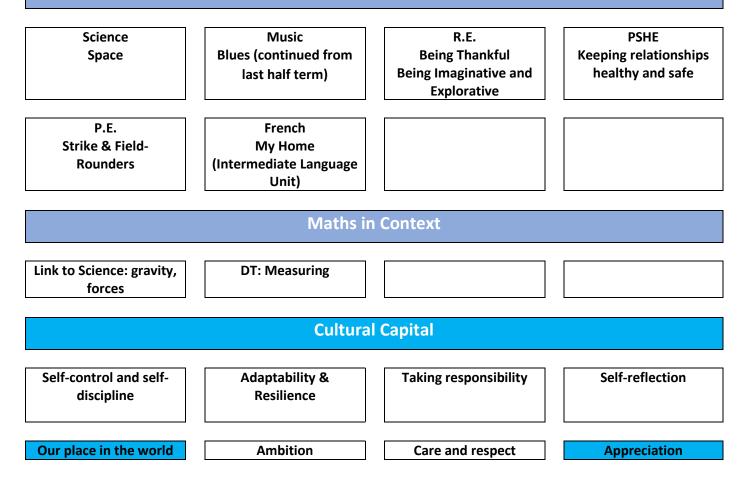
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Art I can experiment with textures created by pastels, paint and paper	Art I can use artistic elements to describe the different effects made by combining media	Art I can choose the media for my composition I can use different media to create an abstract composition
 I can indicate the c products that will a I can explain how p products work can surveys, interviews web-based resource I can identify the n and values of parti groups I can develop a sim to guide my thinking I can make design 	burpose of their products lesign features of their appeal to intended users particular parts of their ry out research, using s, questionnaires and ces eeds, wants, preferences cular individuals and	DT: Make I can produce appropriate lists of tools, equipment and materials that I will need I can formulate step-by-step plans as a guide to making I can demonstrate resourcefulness when tackling practical problems
 how well products why materials have what methods of constant how well products how much product how much product how innovative products 	se: have been designed have been made e been chosen onstruction have been s work s achieve their purposes meet user needs and se: ts cost to make oducts are te materials in products we beyond their intended	 DT: Evaluate own products I can identify the strengths and areas for development in their ideas and products I can consider the views of others, including intended users, to improve their work I can critically evaluate the quality of the design, manufacture and fitness for purpose of their products as they design and make I can evaluate my ideas and products against my original design specification
 Know that mechan have an input, pro Know how more compared to the second se	omplex electrical circuits an be used to create	

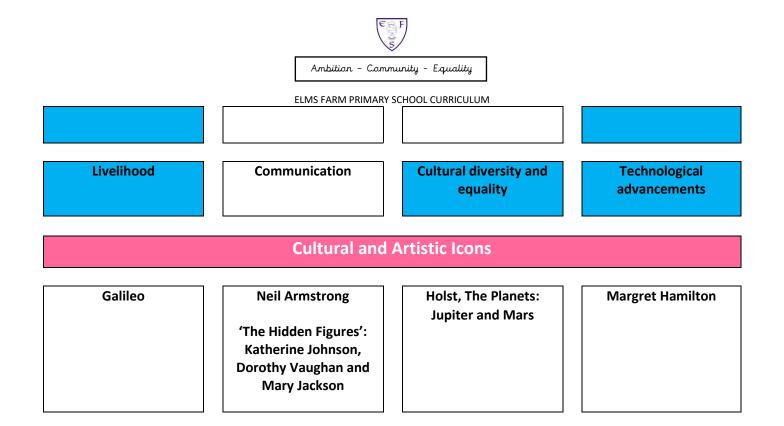


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Science, Music, R.E., PSHE, French and P.E. units





Health Education, Money Management, Environmental Education

Γ	Is there an			
	environmental impact			
	of rocket launches?			

	Rights R	especting	
Article 29: Every child has the right to develop their talents and abilities	Wider links Article 30: Right to practice your own culture and beliefs	Wider links Article 8: Right to an identity	Wider links Article 4: Right to protection of rights
Enric	chment experiences ar	nd Community Involvem	ent
Planetarium visit			



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Supporting Texts