

Year 5

Autumn Term - Year 5

1	2.9.20 - 6 pieces of work	12.10.20 - A final product - pneumatics
Focus and skills	<p style="text-align: center;"><u>History - Ancient Egyptians</u> <u>What were the achievements of the ancient Egyptians?</u></p> <p>When was ancient Egypt? What was the purpose of the pyramids? What happens to Egyptians when they died? What medical advancements did the Egyptians make? How did writing begin in ancient Egypt? What do you think was their greatest achievement that still impacts life today?</p>	<p style="text-align: center;"><u>DT - To design and make an opening sarcophagus</u></p> <p>Design</p> <ul style="list-style-type: none"> - Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. - generate, develop, model and communicate their ideas through discussion, exploded diagrams, prototypes, pattern pieces and computer-aided design <p>Make</p> <ul style="list-style-type: none"> - select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately - select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities <p>Evaluate - investigate and analyse a range of existing products</p> <ul style="list-style-type: none"> - Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work <p>Technical knowledge</p>

		<ul style="list-style-type: none"> - Apply their understanding of how to strengthen, stiffen and reinforce more complex structures - Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]
Texts	<p>Secrets of a Sun King - Emma Carroll - guided reading</p> <p>The Red Pyramid - Rick Riordan - class read</p>	
Trips		

2	2.11.19 - 6 pieces of work	23.11.20 - 4 pieces of work	7.12.20 - 2 pieces of work
Focus and skills	<p style="text-align: center;"><u>Geography -</u> <u>How do I use a globe to describe our world?</u></p> <p>How do we describe the different zones of the Earth? What are biomes? How do climates differ around the world? How do we measure time around the world? How do we locate key features and use a map?</p>	<p style="text-align: center;"><u>Science - Properties and Changes</u> <u>Materials</u> <u>How do materials change?</u></p> <p>What properties do every day materials have? What is a solution? How can mixtures be separated? What are reversible and irreversible changes?</p>	<p style="text-align: center;"><u>RE - Christianity</u> Is the Christmas Story True?</p>
Texts	<p style="color: green;">The Boy who Biked the World Book 2 - Alastair Humphreys - guided reading Polar Bear Explorers Club - Alex Bell - class read</p>		
Trips	<p style="color: purple;">Climb the Wrekin</p>		

Spring Term - Years 5

1	04.01.21 - 5 pieces of work	01.02.21 - A final product - a clock
Focus and Skills	<p style="text-align: center;"><u>History - Ancient Greece</u> <u>How did the ancient Greeks influence the Western World?</u></p> <p>When was ancient Greece in comparison to ancient Egypt? How did religion impact on the lives of ancient Greeks? How did the geography of Greece impact on the lives of Greeks? What was life like for ancient Greeks? Athens and Sparta - which city would you have preferred to have lived in? What impact did ancient Greece have on the Modern World?</p>	<p style="text-align: center;"><u>DT - To design and make a functional clock for Elliot (Who Let the Gods Out) so he is not late for school</u></p> <p>Design</p> <ul style="list-style-type: none"> - Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. - generate, develop, model and communicate their ideas through discussion, exploded diagrams, prototypes, pattern pieces and computer-aided design <p>Make</p> <ul style="list-style-type: none"> - select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately - select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities <p>Evaluate - investigate and analyse a range of existing products</p> <ul style="list-style-type: none"> - Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work <p>Technical knowledge</p>

		<ul style="list-style-type: none"> - Apply their understanding of how to strengthen, stiffen and reinforce more complex structures <p>Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]</p>
Texts	<p>Who Let the Gods Out? Maz Evans - guided reading</p> <p>Percy Jackson and the Lightning Thief - Rick Riordan - class read</p>	
Trips		

2	22.2.21 - 5 pieces of work	08.03.21 - 5 pieces of work	22.3.21 - 2 pieces of work
Topic	<u>Science - Earth and Space</u> <u>How does the solar system move?</u> How do we know the Earth, Moon and Sun are approximately spherical shapes? How do we have day and night? How does the movement of the Earth alter daylight? What is a year? How does the moon move in relation to the Earth?	<u>Science - Forces</u> <u>How do forces make things stop?</u> What is gravity? What is air resistance? What is water resistance? What is friction? What do levers, pulleys and gears do?	<u>RE - Christianity</u> <u>God wanted Jesus to die?</u> <u>Discuss</u>
Texts	Cosmic - Frank Cottrell Boyce - guided reading The Biography of Katherine Johnson - Scholastic - class read The Biography of Stephen Hawking - Scholastic - class read		
Trips			

Summer Term - Years 5

1	19.4.21 - 6 pieces of work	10.5.20 - 3 pieces of work	18.5.20 - 1 piece of work
Focus and skills	<p style="text-align: center;"><u>Geography - South America</u></p> <p style="text-align: center;"><u>What are the geographical features of Brazil?</u></p> <p>Where is Brazil? What are the human features of Brazil? What is a favela? What are the physical features of Brazil? Why are rainforests important to the world? What is deforestation?</p>	<p style="text-align: center;"><u>Science - Animals including humans</u></p> <p style="text-align: center;"><u>What is a life cycle?</u></p> <p>What is a life cycle and how do they differ between different groups (mammals, insects and birds)? How do plants and animals reproduce? What are the different development stages as humans grow old?</p>	<p style="text-align: center;"><u>Art - Artist study - Georgia O'Keefe</u></p> <p>Intention - Provide children with the knowledge and skills to experiment invent and create their own works of art. Implementation - Studying the work of Georgia O'Keefe and focusing upon brush techniques using water colours. Impact - Children will have a final piece applying different brush techniques.</p>
Texts	<p>The Explorer - Katherine Rundell - class read Running Wild - Michael Morpurgo - guided reading</p>		
Trips			

2	7.6.21 - 5 pieces of work	28.6.21 - 1 piece of work	12.7.21
Focus and skills	<p><u>History - Maya Society</u> <u>How did Maya society compare to British history?</u> Who were the Maya society? How were the Maya society ruled? What religious beliefs did they have? What architectural features were the Maya renown for? How did Maya society compare to British history?</p>	<p><u>Art - Death Masks</u> Art - Sculpture Intention - Provide children with the knowledge and skills to experiment invent and create their own works of art. Implementation - Studying the work of various sculptures and focusing upon carving, moulding and chiselling to ensure an accurate design. Impact - Children will have a final piece applying different sculpting techniques and designs.</p>	<p>RE - How does faith inspire people to do good things in and for their communities?</p>
Texts	<p>Popul Vah - Victor Montejo Middleworld - J and P Voelkel</p>		
Trips			

