

Years 5 and 6

Autumn Term - Years 5 and 6

1	2.9.19 - 6 pieces of work	14.10.19 - A final product - a clock
Focus and skills	<p><u>History - Ancient Greece</u></p> <p>A study of Greek life and achievements and their influence on the western world</p> <ul style="list-style-type: none"> -When was Ancient Greece? -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><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

		<p>criteria and consider the views of others to improve their work</p> <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>Who let the Gods Out? - Maz Evans</p> <p>The Girl of Ink and Stars - Kiran Millwood Hargrave (class read)</p> <p>Greek myths and Legends</p> <p>Percy Jackson - Rick Riordan</p>	
Trips		

2	4.11.19 - 4 pieces of work	18.11.19 - 4 pieces of work	9.12.19 - 2 pieces of work
Focus and skills	<p><u>Science - Earth and Space</u></p> <ul style="list-style-type: none"> - Describe the movement of the Earth, and other planets, relative to the Sun in the solar system - Describe the movement of the 	<p><u>Science - Forces</u></p> <ul style="list-style-type: none"> - Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object - Identify the effects of air 	<p>RE - How far would a Sikh go for his/her religion?</p>

	<p>Moon relative to the Earth</p> <ul style="list-style-type: none"> -Describe the Sun, Earth and Moon as approximately spherical bodies - Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. 	<p>resistance, water resistance and friction, that act between moving surfaces</p> <ul style="list-style-type: none"> - Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. 	
Texts	<p>Cosmic - Frank Cottrell Boyce (whole class reading)</p> <p>The Biography of Katherine Johnson - Scholastic</p> <p>The Biography of Stephen Hawkings - Scholastic</p> <p>Hidden Figures: The True Story of Four Black Women and the Space Race - Margot Lee Shetterly</p>		
Trips	<p>Visit to school Wonder Dome Planetarium</p>		