

Curriculum Overview Y5/Y6 2021_22

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Science	<p>Animals including humans. Children will learn about the life cycle of a human being. They will investigate the development of babies and compare the gestation period of humans and other animals. Children find out about the complex systems that make us human such as the circulatory system, how muscles work and how we can develop a healthy lifestyle.</p>	<p>Forces Learn about the different types of forces such as air resistance, gravity, friction and water resistance. Children will also learn about the mechanisms of levers, gears and pulleys. Children will do several practical investigations using equipment such as force meters to test which surface has the most friction and designing parachutes.</p>	<p>Properties and changes to materials Learn about the three states of matter: solid, liquid and gases. Learned about the stages of the water cycle. Carry out several practical experiments melting chocolate and using various equipment such as stopwatches and thermometers.</p>	<p>Classification of living things. All Living Things A study of classification. What kinds of creatures would Ibn have come across on his travels and how can we classify them?</p>	<p>Earth and Space A study of the planets, sun, moon phases, star constellations, seasons and day and night.</p>	<p>Forces Gravity, air resistance, water resistance and friction.</p>
History	<p>Spartacus - Romans Chronology - Studying where and when the Romans fit into a timeline of history.</p>		<p>Ibn Battuta - Geo An investigation into Ibn Battuta's life as an explorer. Looking in depth into his</p>		<p>Tim Peake - Space Chronology Studying where the Ancient Greeks fit in the timeline of History. What time periods that we know about</p>	

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	<p>Historical knowledge - research into the history of the romans such as amphitheatres, mosaics, Roman houses, Roman numerals and significant figures such as Julius Caesar and Boudicca. Then to now - A further study into the legacy of the Romans and how they have influenced our lives today such as studying Roman roads and heating.</p>	<p>expedition, his travelling experiences and his personal life. Learning about Nelson Mandela - A look into his timeline from where it started to where it ended. Discussions of how he has impacted the world today, why he is a pioneer and what life was like then and now for equal rights between black and white people.</p>	<p>were before? After? What was happening in other places at the same time? Historical Enquiry Using a range of sources in their study to develop an understanding of what it was like during the Ancient Greek period. Historical Knowledge Learning about Greek mythology, ancient astronomy, Greek Gods and beliefs. Building knowledge of the Ancient Greek time period. Then to Now Studying how the Greek's knowledge and research into astrology has impacted on our understanding today. Studying famous people, such as Isaac Newton and developing an understanding for how his work has influenced the way we understand science today</p>
<p>Geography</p>	<p>Looking in depth into the capital of the Roman Empire and a look into the geography stretched from England to Egypt and in between the Mediterranean. Looking where Roman Emperors ruled such as Europe, Northern Africa and Western Asia.</p>	<p>A study of the continents and identifying different countries within Africa; especially the countries that Ibn Battuta had visited on his journey of exploration. Further investigating the capitals, flags and population of countries.</p> <p>Place Knowledge Identifying places Ranulph travelled to and comparing to the UK. Locating countries and cities where World Records have been set.</p> <p>Locational Knowledge Study of the Globe: Time Zones, Southern and Northern Hemispheres, longitude, latitude, biomes, vegetation belts. Physical & Human</p>	<p>Studying the location of the planets in our solar system and looking into using co-ordinates and compasses to locate specific locations.</p>

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		<p>Geography Studying types of settlement found across the world. What different kinds would Ranulph have seen on his adventures? Graph and map study - maps of landscapes, economics etc. Studying the natural resources found in different places. Geography Skills and Fieldwork Using compass points, reading grid references and symbols on a variety of maps.</p>			
Computing	Computer science	Online safety	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Computer science</td> <td style="width: 50%;">Information technology</td> </tr> </table>	Computer science	Information technology
Computer science	Information technology				
Art	<p>Painting Mosaic patterns. Studying realism or making minimurals. Sculpture Making a head and bust. Creating Roman inspired pottery. Making a Roman coin. Textiles Making a gladiator outfit. Experimenting with natural dyes. Sketching and Drawing Sketching outfit designs and Roman landmarks.</p>	<p>Linking to our topic of Ibn Battuta and Africa we will look to design African art pieces based around historical African artists.</p> <p>We will also conduct portrait work around our role models. Children will use a variety of media to create their own art pieces.</p>	<p>Artist Study Van Gogh: Starry Night Painting Development and exploration of different painting techniques. Drawing Sketching and drawing designs of prototypes. 3D Art Building a rocket with a range of materials.</p>		
DT	<p>Roman baths, a gladiator outfit, a weapon for battle. Making their designs and following their plans. Evaluating their own work and that of others in the class. Cooking and Nutrition Preparing a feast before battle. Energy sources.</p>		<p>Design Space helmets, moon buggies, packaging for space food or board games. Making their designs and following their plans. Evaluating their own work and that of others in the class. Cooking and Nutrition Learning about components of a healthy meal and importance of nutritional value.</p>		
Music	<p>Listening to Mars - The Bringer of War (Holst Planet Suite). Creating their own battle pieces. Musical History Finding</p>	<p>Composer Study John Cage. What sounds can ice and water make? Composing Own pieces. Exploring hot and cold sounds,</p>	<p>Composers Studying 'Hoist - The Planet Suite'. Composing Creating their own pieces using a range of instruments,</p>		

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	out about Roman instruments. Singing songs about the Romans.		movements of animals. Writing their own musical scores.		experimenting with tempo, timbre and structure. Singing Studying how space has made its way into modern music. Singing and writing songs about space.	
RE	U2.4 If God is everywhere, why go to a place of worship? (Christians, Jewish people and Hindus) U2.6 What does it mean to be a Muslim in Britain today.		Why do some people believe that God exists?	What do religions say to use when life gets hard?	What would Jesus do? Can we live by the values of Jesus in the 21 st century?	What matters most to Christians and Humanists?
PE	Gymnastics/ Dance		Invasion games		Net and wall games	Fielding and striking
PSHE/RSE	Being me and my world	Celebrating difference	Dreams and goals	Healthy me	Relationships	Changing me