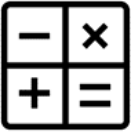







Thorpedene Primary School Curriculum Overview


Year Group: 5

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic name	Ruthless Romans How do the Romans impact us today?		Space – The Earth and Beyond! <i>Why don't the planets ever crash into each other?</i> <i>What is the American Dream?</i>		Super Settlers <i>Why do people move?</i>	
Maths 	Number: Decimals Measurement: Money Measurement: Time	Statistics Geometry: Properties of Shape Geometry: Position and Direction	Place Value Multiplication Division Roman Numerals Weekly Arithmetic Tests	Place value 4 rules Angles Weekly Arithmetic Tests	Fractions Decimals Weekly Arithmetic Tests	Angles Percentages Decimals Statistics Weekly Arithmetic Tests
English genres 	Poetry Persuasive writing/ Travel Writing Narrative	Free Verse Poetry Explanation texts Recount- Colchester Castle	Biographies Persuasive Writing Newspapers	Narrative Diary entries Informal Letters	Newspaper Information texts Traditional tales	Poetry – Windrush Child by John Agard Persuasive leaflets Non chronological report
Key texts & focus authors 	Caroline Lawrence – The Roman Mysteries		Uncle Albert – The Time and Space of Uncle Albert by Russell Stannard Cracking Comprehension Units	Wonder- RJ Palacio Cracking Comprehension Units	Wonder Cracking Comprehension Units	Beowulf Cracking Comprehension Units
History 	Development of the Roman Empire and their impact on modern life		Why would anyone want to go to space? Space Race between USA & Russia Significant people – Tim Peakes, Neil Armstrong, Elon Musk CEO of Space Ex Space exploration timeline Mae C Jemison- History of	Why do people face discrimination? Martin Luther King Rosa Parks American Civil Rights Movement		Britain's settlement by Anglo-Saxons and Scots Roman withdrawal from Britain in c. AD 410 and the fall of the western Roman Empire Scots invasions from Ireland to north Britain (now Scotland)



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					<p>Anglo-Saxon invasions, settlements and kingdoms: place names and village life</p> <p>The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor</p> <p>Viking raids and invasion resistance by Alfred the Great and Athelstan, first king of England</p> <p>Anglo-Saxon laws and justice Edward the Confessor and his death in 1066</p> <p>MOVEMENT – Soldier (Viking) Fitness Lesson (linked to well/being/mindfulness)</p> <p>Windrush generation</p>
<p>Geography</p> 		<p>Volcanoes and Earthquakes. A focus on Pompei.</p>	<p>Why is the Arctic not a continent when Antarctica is? Position and significance of the Arctic and Antarctic circle Northern and Southern Hemisphere (including the use of computer mapping)</p> <p>To identify the significance of longitude and latitude</p> <p>Time Zones - Prime/Greenwich</p>	<p>What makes North and South America so different? Maps - locate North and South America and the countries and their cities within (including the use of computer mapping) Comparing locations – UK and USA</p> <p>Compare land-use patterns in North and South America; and understand how some of</p>	<p>Local maps and orienteering (including the use of computer mapping)</p> <p>Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build knowledge of the United Kingdom and the wider world (Link to journeys made by Windrush generation)</p>



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			<p>Meridian Time Zones</p>	<p>these aspects have changed over time Explore economic activity (inc trade links) of 2 contrasting regions in North or South America and explore types of settlement in 2 contrasting regions in North or South America (3D Map)</p>		<p>MINDSET – Friendship and Teamwork Lesson</p>
<p>Science</p> 	<p>Forces explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</p> <p>identify the effects of air resistance, water resistance and friction, that act between moving surfaces</p> <p>recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect</p>	<p>Properties and changes of materials</p> <p>compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets</p> <p>know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</p> <p>use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating</p> <p>give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic</p> <p>demonstrate that dissolving, mixing and changes of state are</p>	<p>Earth and Space</p> <p>Why don't planets crash into each other?</p> <p>Describe the movement of the Earth and other planets relative to the sun in the solar system</p> <p>Describe the movement of the moon relative to the Earth</p> <p>Describe the sun, Earth and moon as approximately spherical bodies</p> <p>Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky</p> <p>Gravity Maggie Pocock Dr Kevin Fong</p> <p>Crest: Racing Rockets</p>		<p>Describe the life process of reproduction in some plants and animals</p>	<p>Describe the changes as humans develop to old age</p> <p>LIFESTYLE – Vitamin N Lesson</p> <p>Crest: Discus Dilemma</p>



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		<p>reversible changes</p> <p>explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda</p>				
<p>PSHE</p> 	Relationships	Changing Me (Resources to be confirmed)	<p>What is culture?</p> <p>Celebrating difference</p> <p>Develop awareness of different cultures and making comparisons with life in the UK</p> <p>Understand different types of bullying behaviours</p>	<p>Why should you respect your body?</p> <p>Healthy me</p> <p>Develop understanding of the health risks associated with smoking and drinking</p> <p>Reflect on body image and how body images are reflected in the media</p>	<p>Changing me</p> <p>Develop understanding of the changes that occur during puberty</p> <p>MINDSET – Body Image Lesson</p>	<p>Relationships</p> <p>Explore different relationships and develop strategies for dealing with friendship problems</p> <p>MINDSET – Emotions and Feelings Lesson</p>
<p>Art</p> 		<p>Mosaic – Tessera portrayal of Roman imagery</p> <p>Focus artist - Gaudi</p>	<p>Can you draw a place you've never seen?</p> <p>Learn about great artists, architects and designers in history – Peter Thorpe Planet art work using various mediums</p> <p>Improve mastery of art and design techniques, including drawing and painting with a range of materials</p>	<p>Why do things seem smaller the further away they are?</p> <p>Study of American Architect Frank Lloyd Wright</p> <p>improving mastery of art and design techniques, including drawing (perspective)</p>		<p>Anglo-Saxon art and culture</p> <p>Sculpting mythical creatures improving their mastery of art and design techniques, including sculpture with a range of materials (mod roc or clay)</p> <p>LIFESTYLE – Hobbies Lesson</p>
DT	Investigating mechanical systems (levers and pulleys) and applying this when designing and making a catapult			<p>Why don't bridges fall down?</p> <p>Design and make model bridges based on famous</p>		<p>Understand and apply the principles of a healthy and varied diet</p> <p>Prepare and cook a variety of predominantly savoury</p>



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				<p>American bridges. Applying their understanding of how to strengthen, stiffen and reinforce more complex structures</p>		<p>dishes using a range of cooking techniques</p> <p>Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.</p> <p>NUTRITION – Food sources NUTRITION – Food and energy</p>
<p>Music</p> 	<p>Living On A Prayer</p>	<p>Classroom Jazz</p>	<p>Make you feel my love</p>	<p>The Fresh Prince Of Bel Air</p>	<p>Dancing In The Street</p>	<p>Reflect, Rewind and Replay</p>
<p>Computing</p> 	<p>Repetition in Shapes</p>	<p>Repetition in Games</p>	<p>How is data stored?</p> <p>Online Safety</p> <p>Flat File Databases: - learning how a flat-file database can be used to organise data in records</p>	<p>How does a computer program make decisions?</p> <p>Online Safety</p> <p>Programming: - developing knowledge of selection by revisiting how conditions can be used in programs and then learning how the If... Then... Else structure can be used to select different outcomes</p>	<p>Online Safety</p> <p>Vector Drawing: - learning how to use the different drawing tools and how images are created in layers</p>	<p>Online Safety</p> <p>Creating Media: - learning how to create short videos</p>
<p>French</p> 	<p>On mange! Go shopping for food Ask how much something costs Talk about activities at a party Give opinions about food and activities</p>	<p>Le cirque Discuss francophone countries Discuss the languages we speak Identify different items of clothing Describe items of clothing</p>	<p>La nourriture Ask politely for food items Describe how to make a sandwich Express opinions about food Talk about healthy and unhealthy food</p>	<p>En ville Name places in the town Ask the way and give directions Say where you are going Give the time and say where you are going</p>	<p>En vacances Ask and say where you are going on holiday Express opinions about holidays Talk about what you are going to do on holiday Talk about holiday plans</p>	<p>Chez moi Name rooms in the house Describe rooms in the house Say what people do at home Say what people do and where</p>



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<p>RE</p> 	<p>Why do some people believe God exists?</p>	<p>What would Jesus do can we live by his values in the 21st century?</p>	<p>If God is everywhere, why go to a place of worship?</p>	<p>If God is everywhere, why go to a place of worship?</p>	<p>What does it mean to be a Muslim in Britain today?</p>	<p>What does it mean to be a Muslim in Britain today?</p>
<p>PE</p> 	<p>Athletics Introduction to the range of athletics and outdoor sport</p>	<p>Striking and fielding Bat and ball skills Teamwork</p>	<p>Gymnastics</p>	<p>Rounders – fielding and bat and ball skills</p>	<p>Yoga – relaxation techniques Tennis</p>	<p>Circuits</p>
<p>Outdoor learning/Forest School</p> 	<p>NPP: Decimals Sound Climate Change</p>	<p>NPP – French 2nd experience Roman Theme Day NPP-Roman Britain Colchester Castle visit / History off the page Visitor</p>	<p>Scaled down solar system</p>	<p>Material hunt Using found materials to build bridges</p>	<p>Growing vegetables</p>	<p>Orienteering</p>
<p>Curriculum enrichment opportunities (inc visits, hook days, visitors etc)</p> 		<p style="text-align: center;">Stem</p>	<p>Now Press Play: Mission to Mars, Mental Maths, Online Safety Anti-bullying workshops Able Maths Day-Julia Smith (Maths specialist) Theme day with parents</p>	<p>Now Press Play – recycling, Harriet Tubman, Easter <u>Planetarium visit</u> Now Press Play</p>	<p>Now Press Play: Anglo Saxons, Climate Change Saxon King – Southend museum visit Anglo-Saxon hook day</p>	<p><u>Residential visit</u> - Thriftwood Gunnors Park/ Seaside visit NPP: Vikings, The five pillars of Islam, Silent Disco, Silent Cinema</p>