



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, Deserts and Oceans – The unexplored Beyond! <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 	British history : Why did the Romans settle in Britain? - Kapow				British history : How hard was it to invade and settle in Britain? - Kapow	British history : Were the Vikings raiders, traders or settlers? - Kapow
Geography 		Why do people live near volcanoes? - Kapow A focus on Pompei.	Would you like to live in the desert? - Kapow	Why do oceans matter? - Kapow		



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<p>Science</p> 	<p>Forces</p> <p>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 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>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>PSHE</p> 	<p>Relationships</p>	<p>Changing Me (Resources to be confirmed)</p>	<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 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>
<p>DT</p> 	<p>Investigating mechanical systems (levers and pulleys) and applying this when designing and making a catapult</p>			<p>Why don't bridges fall down?</p> <p>Design and make model bridges based on famous American bridges. Applying their understanding of how to strengthen, stiffen and reinforce more complex structures</p>		<p>Understand and apply the principles of a healthy and varied diet</p> <p>Prepare and cook a variety of predominantly savoury 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</p>



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						NUTRITION – Food and energy
Music 	Living On A Prayer	Classroom Jazz	Make you feel my love	The Fresh Prince Of Bel Air	<i>Music is carried out as part of Computing curriculum in Summer 1</i>	Reflect, Rewind and Replay
Computing 	Computing systems and networks: search engines - Kapow	Creating media: stop motion animation - Kapow	Online safety - Kapow (Safer internet day) 6 Feb 24 Data Handling: Mars Rover 1 - Kapow	Data Handling: Mars Rover 2 - Kapow	Programming 1: Music - Kapow	Programming 2: Micro:bit - Kapow
French 	French monster pets – Kapow	Shopping in France - Kapow	Space exploration in French – Kapow	French speaking world - Kapow	Verbs in a French week - Kapow	Meet my French family - Kapow
RE 	Why do some people believe God exists?	What would Jesus do can we live by his values in the 21 st century?	If God is everywhere, why go to a place of worship?	If God is everywhere, why go to a place of worship?	What does it mean to be a Muslim in Britain today?	What does it mean to be a Muslim in Britain today?
PE 	Athletics Introduction to the range of athletics and outdoor sport Dance - Romans	Striking and fielding Bat and ball skills Teamwork Drama – Romans	Gymnastics Yoga	Rounders – fielding and bat and ball skills Dance - Space	Yoga – relaxation techniques Tennis Dance - Jabberwocky	Circuits Dance – Celebration Assembly



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<p>Outdoor learning/Forest School</p> 	<p>NPP: Decimals Sound Climate Change</p>	<p>NPP – French 2nd experience Roman Theme Day</p> <p>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 Gunners Park/ Seaside visit NPP: Vikings, The five pillars of Islam, Silent Disco, Silent Cinema</p>