

Curriculum Overview

Year 5 2022-2023



	Autumn	Spring	Summer
Topic Name	Could our grandchildren live on Mars?	From Source to Sea	What did the Ancient Greeks do for us?
Science	Earth and Space Forces	Separating Materials Types of Change	Living Things/life cycles Materials
Computing	5.1 - We are game developers 5.2 - We are cryptographers	5.3 - We are artists 5.4 - We are web developers	5.5 - We are bloggers 5.6 - We are architects
Internet safety	5.1 - We are Y5 rule writers 5.2 - We are responsible for our online actions	5.3 - We are content evaluators 5.4 - We are protecting our online reputation	5.5 - We are respectful of copyright 5.6 - We are game changers
History	Lives of significant others and world history – Space exploration	A local history study – how the Nene has changed	Ancient Greece and the achievements of the earliest civilizations – maths, philosophy, democracy, trial by jury, mythology, theatre and the Olympics
Geography	<p>Locate the 7 continents. Locate the five oceans. Locate the countries of Europe, including Russia, using a map.</p> <p><u>Describe</u> the significance of: latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle Describe and understand some key aspects of human geography:</p> <ul style="list-style-type: none"> types of settlement and land use economic activity including trade links distribution of natural resources including energy, food, minerals and water <p><u>Identify</u> the position of: latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and</p>	<p>Locate the 7 continents. Locate the five oceans. Locate the countries of Europe, including Russia, using a map.</p> <p>Describe and understand some key aspects of physical geography:</p> <ul style="list-style-type: none"> rivers the water cycle <p>Use world maps, atlases, globes and digital/computer mapping.</p> <p>Use the eight points of a compass. Understand and use four and six figure grid references. Understand and use symbols and keys.</p> <p>-Baseline prior knowledge in the above skills. Teaching was covered briefly last year, but children</p>	<p>Locate the 7 continents. Locate the five oceans. Locate the countries of Europe, including Russia, using a map.</p> <p>Describe the similarities and differences in human and physical geography of a <i>region within North and South America</i>.</p> <p>Use maps, atlases, globes and digital/computer mapping</p> <p><u>Loosely touched on as studied in the Summer term:</u> Describe and understand some key aspects of human geography:</p> <ul style="list-style-type: none"> types of settlement and land use economic activity including trade links distribution of natural resources including energy, food, minerals and water

	Capricorn, Arctic and Antarctic Circle	<p>may need more time to build on the basics first e.g. securing 4 figure grid references before moving to 6.</p> <p>Observe, measure, record and present human and physical features by creating plans and graphs.</p> <p>Understand digital technologies and use these to create plans and graphs.</p> <p>Link to young explorers:</p> <p>Fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.</p> <p>Name the eight compass points (North, North-East, East, South-East, South, South-West, West, North-West)</p>	<p>Locate the continents of North and South America.</p> <p>Locate <u>some</u> of the world's countries.</p> <p>Identify within these:</p> <ul style="list-style-type: none"> • environmental regions • human and physical characteristics • major cities
Art	<p>Painting</p> <p>Skills: Bring depth into their painting. (CAS)</p> <p>Begin to develop their own style.</p> <p>Work in a variety of ways- watercolour,</p> <p>Involve mixed media</p> <p>Map out and structure a realistic study of natural object (Still life)</p> <p>Consider the use of colours and their relationships</p> <p>Combine techniques including computer art where appropriate</p> <p>Knowledge: To know that using a previous drawing, the scale can be altered to create a zoomed in version of the original work.</p> <p>Using a paintbrush in different ways effects the finish of the paint. Using the tip of the brush is useful for adding precise details.</p> <p>Vocab: Realistic, water colour, mixed media</p> <p>Artist: Alan Bean / JMW Turner</p>	<p>Textiles</p> <p>Skills: Research and develop ideas,</p> <p>3D weaving,</p> <p>Aware of different purposes of textiles and their construction eg –man-made.</p> <p>Experience in combining techniques to produce end pieces,</p> <p>Produce two colour tie dye/ 3 colour batiks</p> <p>Silk paintings Knowledge: To know how to experiment with a range of media by overlapping and layering in order to create texture, effect and colour</p> <p>Vocab: 3D, Man – made, natural, combining, end pieces</p> <p>Artist: Monet</p>	<p>3D</p> <p>Skills: Use different ways of finishing work – glaze, paint, polish.</p> <p>Experience mixed media</p> <p>Show experience in combining pinch. Slabbing and coiling to produce end-pieces.</p> <p>Knowledge: To know how to use tools and materials to carve, add shape, add texture and pattern.</p> <p>Vocab: glaze, polish, slabbing,</p> <p>Artist: Elizabeth Frink</p>
DT	Make a vehicle to travel on the surface of mars – must be self-propelled	<p>Design and make a model of the new pedestrian bridge over the River Nene</p> <p>Or</p> <p>Design and make a model of a bridge with a</p>	<p>Prepare Greek food</p> <p>Health and nutrition</p>

		moving part eg The Transporter Bridge.	
Music	<p>CHARANGA UNIT: LIVING ON A PRAYER</p> <p>IMPROVISE Bronze, Silver and Gold (three) challenges per level using notes G, A & B</p> <p>EXTENDED IMPROVISATION Improvise after the leader (Q & A) on a range of notes</p> <p>COMPOSE create a 3(5) note set for a range of classroom instruments for the composing task</p> <p>MUSIC EXPRESS UNIT: Y5 OUR COMMUNITY</p> <p>MUSICAL FOCUS: PERFORMANCE</p>	<p>CHARANGA UNIT: MAKE YOU FEEL MY LOVE</p> <p>IMPROVISE: Bronze, Silver and Gold (three) challenges per level using notes C, D & E</p> <p>EXTENDED IMPROVISATION: Improvise after the leader (Q & A) on a range of notes</p> <p>COMPOSE: Create a 3(5) note set for a range of classroom instruments for the composing task</p> <p>MUSIC EXPRESS UNIT: Y5 KEEPING HEALTHY</p> <p>MUSICAL FOCUS: BEAT</p>	<p>CHARANGA UNIT: FRESH PRINCE OF BEL AIR</p> <p>IMPROVISE: Bronze, Silver and Gold (three) challenges per level using notes D, E & F</p> <p>EXTENDED IMPROVISATION: Improvise after the leader (Q & A) on a range of notes</p> <p>COMPOSE: Create a 3-note set for a range of classroom instruments for the composing task</p> <p>MUSIC EXPRESS UNIT: Y5 AT THE MOVIES</p> <p>MUSICAL FOCUS: COMPOSITION</p>
PE	<p>Social (Real PE) Getset4PE Netball Cricket</p> <p>Personal (Real PE) Getset4PE Cricket Gymnastics</p>	<p>Cognitive (Real PE) Getset4PE Dance Dodgeball</p> <p>Physical (Real PE) Getset4PE Dodgeball OAA</p>	<p>Cognitive (Real PE) Getset4PE Fitness Athletics</p> <p>Health and Fitness (Real PE) Getset4PE Athletics Rugby</p>
PSHE	<p>Beginning and Belonging MMR14 BB56</p> <p>Family and Friends MMR16 FF56</p> <p>Anti-Bullying MMR17 AB56</p>	<p>Diversity and Communities Cit10 DC56</p> <p>Relationship Education HSL20 SR5</p> <p>Drug Education HSL22 DE56</p>	<p>Personal Safety HSL23 PS56</p> <p>Managing Change MMR18 MC56</p>
Learning to learn	<p>You Are Awesome</p> <p>Champion Communication</p> <p>Understanding self-awareness in communication</p>	<p>Champion Initiative</p> <p>Understanding initiative</p>	<p>No Learning to Learn skills unit. Complete units if needed.</p>
RE	<p>Is religion what you say or what you do? (5wks)</p> <p>Harvest - What in 'my world' is given to me; what belongs to me and what should people share? (2wks)</p>	<p>Hinduism in Britain – How and why do Hindus worship at home and at the Mandir in Peterborough? Where else do Hindus worship in the world? (6wks) Visit the Mandir</p>	<p>Easter on Trial – Who killed Jesus? (1wks)</p> <p>Sikhs in Britain – What is it like to be a Sikh in Peterborough? (4wks) Visit the Gurdwara</p>

	Would the Christian Church support a war? (4wks) Christmas – Does the birth of Jesus deserves such a nearly worldwide celebration? (3wks)	Jesus – Why is Jesus an inspirational leader for some people? (4wks) Easter on Trial – Who killed Jesus? (2wks)	(missed unit from Y3 Su) Words of wisdom – What can we learn from reflecting on Christian, Sikh and Muslim wisdom? (7wks)
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