

Key Stage 2 Curriculum Overview 2018-2020

2018-19			
	Autumn 1 and 2	Spring 1 and 2	Summer 1 and 2
Theme	Scrumdiddlyumptious	Extreme Survival	Evacuate
Trips/Visits:	Cadbury World Roald Dahl Museum Pizza Express Russel's Smoothie Bike Wagamamas Waitrose/Tesco Visit from the dentist	Den Building in Manor Park Willen Lake Dale Farm Robert Scott Museum Cambridge Visit from Scouts Obstacle Course Space Centre	Army Boot Camp Train to Harlington RAF Hendon VE Day
History	<ul style="list-style-type: none"> • Mayan Civilisation • History of Chocolate • Maya Hieroglyphs • Maya Number System • Maya Calendar • Famous Explorers: Frederick Catherwood John Lloyd Stephens 	<ul style="list-style-type: none"> • Famous Explorers: Ernest Shackleton, Tim Peak, Ben Fogle, Bear Grylls • Historic diseases: rickets/scabies • Titanic • Compare Bedouin/Aboriginal life to own lives • Compare Inuit/Dolgar life to own lives 	<ul style="list-style-type: none"> • World War 2
Geography	<ul style="list-style-type: none"> • Location of Americas • Fairtrade Chocolate 	<ul style="list-style-type: none"> • Location of different habitats • Oceans • Global warming • Using a compass • Fieldwork 	<ul style="list-style-type: none"> • Location of European countries • Geography of UK
Science	<ul style="list-style-type: none"> • Nutrition <ul style="list-style-type: none"> - Can we grow our own food crops? - How do people change the environment to grow crops 	<ul style="list-style-type: none"> • Nutrition <ul style="list-style-type: none"> - What do explorers eat in different environments? - What makes eating food 	<ul style="list-style-type: none"> • Nutrition <ul style="list-style-type: none"> - What would have been good about a rationed diet? - Can we plan a healthy, rationed

	<p>better?</p> <ul style="list-style-type: none"> - Which animals do people eat and why? - How does a modern diet compared with that of the Maya? - What is a healthy, balanced diet? - What are the pHs of different foods? - How does food decay? <ul style="list-style-type: none"> • States of Matter <ul style="list-style-type: none"> - What states of matter does chocolate come in? - How can you make the froth on a hot chocolate? • Digestive System • Magnets <ul style="list-style-type: none"> - How does a compass work? - Can we make a compass that the Maya may have used on their ships? • Forces <ul style="list-style-type: none"> - How many times does a rubber ball bounce? - Does the height affect the number of bounces? - How bouncy is rubber compared to other materials? - How would the Maya transport rocks for their buildings? - How can we reduce friction when moving rocks? • Teeth <ul style="list-style-type: none"> - How did the Maya clean their teeth? - Why is a toothbrush a better way of cleaning our teeth? - How could we clean our teeth without toothbrushes/toothpaste? - How can we check we are cleaning 	<p>difficult in space/deserts /polar regions?</p> <ul style="list-style-type: none"> - How much water should we drink and why? - What is a healthy, balanced diet? <ul style="list-style-type: none"> • Healthy Life <ul style="list-style-type: none"> - How can we investigate the effect of different kinds of exercise on the body? - Can we carry out activities which help to build strength and co-ordination? - How do explorers prepare for expeditions? • Plants <ul style="list-style-type: none"> - What can grow in different parts of the world? - What would affect a plant growing in space/deserts /polar regions? • Habitats <ul style="list-style-type: none"> - What are the different habitats around the world? - Which animals live there? - How are they adapted to life there? - How can we group these animals? - Which animals are threatened/endangered? Why? • States of Matter <ul style="list-style-type: none"> - What states of matter does water come in? - How does temperature affect the rate at which ice melts? - Which other liquids freeze? • Digestive System • Magnets <ul style="list-style-type: none"> - How does a compass work? 	<p>meal?</p> <ul style="list-style-type: none"> - How did rations differ for different people? Why? - Which foods do we import? - Can we grow these foods in the UK? - Where would be best for growing food in school? <ul style="list-style-type: none"> • Plants <ul style="list-style-type: none"> - Which plants can we eat and grow? - Which parts of the plant do we eat? - What is compost? How does it help plants grow? - How can we investigate if compost makes a difference to plant growth? • Healthy Life <ul style="list-style-type: none"> - What would you take into a shelter to keep you healthy and comfortable? - Why is it especially important for children to exercise? - How do activities affect our pulse rate and breathing? - Would running to an air raid shelter be enough to keep children fit and healthy during WW2? • Light and Shadows <ul style="list-style-type: none"> - Which light sources would have been used in the air raid shelters? - Which materials are good for making blackout curtains? How could we test them? • Electricity <ul style="list-style-type: none"> - During WW2 messages were sent using Morse code, can you create a circuit with a switch to turn a buzzer/light on and off quickly? • Sounds
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	<p>our teeth properly?</p> <ul style="list-style-type: none"> • Light and Shadows <ul style="list-style-type: none"> - Why is the sun so important? - What other sources of light are there? - Can we create a shadow puppet theatre to tell a Maya story? - How would the Maya see inside the temples that they were building? • Rocks and Soils <ul style="list-style-type: none"> - Can every type of stone be carved for making buildings? - Which rocks dissolve in water? How does this affect our drinking water? 	<ul style="list-style-type: none"> - Can we make a compass that an explorer may use? • Teeth <ul style="list-style-type: none"> - How do explorers clean their teeth? - Why are teeth so important for survival? - Why is a toothbrush a better way of cleaning our teeth? - How could we clean our teeth without toothbrushes/toothpaste? • Light and Shadows <ul style="list-style-type: none"> - Why is the sun so important? - What other sources of light are there? 	<ul style="list-style-type: none"> - Which sounds can you hear in a city/the countryside? - Why were air raid sirens cone shaped? Does it make sounds louder? Can we find other ways to make sounds louder?
Art/ Focused Artists:	<ul style="list-style-type: none"> • Catherwood's Architectural Drawings • Paul Cezanne • Carl Warner • Andy Warhol Food • Giuseppe Arcimboldo • Wayne Thiebaud 	<ul style="list-style-type: none"> • Andy Goldsworthy Environmental Art • Ansel Adams Landscapes • Frank Lloyd Wright Architecture 	<ul style="list-style-type: none"> • Roy Lichtenstein Whaam!
DT	<ul style="list-style-type: none"> • Cooking and Nutrition: <ul style="list-style-type: none"> Mayan Hot Chocolate Tortillas, Black Beans and Guacamole Maya Traditional Breakfast Bread tasting Vegetable/Fruit Kebabs • Designing a Willy Wonka Chocolate Bar • Evaluating Chocolate Packaging • Designing packaging for purpose 	<ul style="list-style-type: none"> • Design and make a shelter • Create an Arctic habitat in a shoebox • Design an outfit to keep a teddy warm in the Arctic 	<ul style="list-style-type: none"> •

	<ul style="list-style-type: none"> • Maya Cities and Architecture • Make Felt Play Food 					
Literacy	<ul style="list-style-type: none"> • Charlie and the Chocolate Factory (Roald Dahl) • How to Eat Fried Worms (Thomas Rockwell) • Time Riders: The Mayan Prophecy (Alex Scarrow) • Michael Rosen Poetry • Chocolate Box Poetry • The Hero Twins Maya Civilisation Story • From Bean to Bar explanation text • The Best Sweet persuasive text 		<ul style="list-style-type: none"> • Treasure Island (Robert Louis Stevenson) • Letter to Ernest Shackleton • Arctic Adventure Story • Titanic Historical Recount • Penguin Explanation Text • Earthquake Recount • Titanic Debate 	<ul style="list-style-type: none"> • WW2 Newspaper Report • WW2 Themed Poems • Blitz Historical Recount • Letter from the Front Line 		
Music	<ul style="list-style-type: none"> • Food, Glorious Food (Oliver Twist) • Cauliflowers Fluffy • Other food related songs! 		<ul style="list-style-type: none"> • The Penguin Song 	<ul style="list-style-type: none"> • Pack up your troubles • Silent Night in English/German 		
Maths	<ul style="list-style-type: none"> • Weighing food items • Fractions of a chocolate bar • Time duration problems - cooking • 		<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 		
Computing	<ul style="list-style-type: none"> • E-safety • Learning Platform • Y4: Presentations • Y4: PowerPoint 	<ul style="list-style-type: none"> • Y4: Pivot Animations 	<ul style="list-style-type: none"> • Y4: Scratch 	<ul style="list-style-type: none"> • Y4: Moviemaker - 	<ul style="list-style-type: none"> • Y4: Moviemaker - • PR Video - Movie Maker 	<ul style="list-style-type: none"> • PR Video Presentation

P.E	Y4: Swimming Y3 + 4 Dance	Y3: Gym - rolls Y4: Gym - balances	Y4: Swimming Y4 : Invasion Games - creating own	Y4: Grafham - OAA/ Gym Y3: OAA Y3: Netwall Games - Fundamental Skills Y4 :Netwall Games	Y3: Swimming Y3: Striking and fielding Games - Fundamental Skills Y4: Striking and fielding Games	Y3+4: Athletics - Sports Day
PSHE	Make a friendship cake.		Y4: Grafham		Y4: Transitions to Middle School	
French						
R.E	<ul style="list-style-type: none"> Year 3: Unit 7 - What does it mean to be a Jew? (include Jewish festivals from unit 4) Year 4: Unit 2 - How and why do believers show their commitments during the journey of life? Year 4: Unit 4- What are the deeper meanings of the festivals? 		<ul style="list-style-type: none"> Year 3: Unit 5 - How and why does a Christian follow Jesus? Year 4: Unit 3- How should we live and who can inspire us? Year 4: Unit 4- What are the deeper meanings of the festivals? 		<ul style="list-style-type: none"> Year 3: Unit 6 - What do religions teach about the natural world and why should we care about it? Year 4: Unit 1- Where, how and why do people worship? Year 4: Unit 4- What are the deeper meanings of the festivals? 	

2019-20			
	Autumn 1 and 2	Spring 1 and 2	Summer 1 and 2
Theme	Rise of the Machines	Traders and Raiders	Paradise Gardens
Trips/Visits:	Science Museum Visit	Viking/Roman Day	Bush tucker Trial Carnival Day
History	<ul style="list-style-type: none"> Famous Inventors: Thomas Edison 	<ul style="list-style-type: none"> Vikings Romans 	<ul style="list-style-type: none"> Creation stories of Tribes
Geography		<ul style="list-style-type: none"> Location of European countries 	<ul style="list-style-type: none"> Locations of Rainforests Deforestation Rivers - Amazon Deserts and Mountains Trade Water cycle and water supplies
Science	<ul style="list-style-type: none"> Electricity Sound Forces and Magnets <i>Skeletal System?</i> <i>Rocks and Fossils?</i> <i>Properties of Materials?</i> 	<ul style="list-style-type: none"> <i>Skeletal System?</i> <i>Rocks and Fossils?</i> 	<ul style="list-style-type: none"> Plants States of Matter - Water Cycle Adaptation to environments Classification Keys
Art Focused Artists:	<ul style="list-style-type: none"> Leonardo da Vinci 	<ul style="list-style-type: none"> Picasso Portraits 	<ul style="list-style-type: none"> Henri Rousseau William Morris Georgia O'Keeffe Gaudi Trencadis Animals Hapa-Zome Printing (India Flint) Beatrice Milhazes
DT	<ul style="list-style-type: none"> Solving problems with inventions Pop Up Storybook Simple mechanical systems - gears, levers, cams Simple electrical circuit which 	<ul style="list-style-type: none"> 	<ul style="list-style-type: none">

	produces light & sound					
Literacy	<ul style="list-style-type: none"> • Iron Man • The Wrong Trousers - Wallace & Gromit • Blackout Diary • Thomas Edison Biography • Technology Debate 		<ul style="list-style-type: none"> • Romulus and Remus Cartoon • Chariot Race Newspaper • Diary of a Soldier • Escape from Pompeii • Lindisfarne Newspaper • Viking Myth • Saga of Bjorn 		<ul style="list-style-type: none"> • Layers of the Rainforest Non-Chronological Report • Rainforest Adventure • Rainforest Poetry • Rainforest Survival Guide • Deforestation Letter • Deforestation Debate 	
Music	•		•		•	
Maths	•		•		•	
Computing	<ul style="list-style-type: none"> • E-safety • Learning Platform • Y4: Presentations • Y4: PowerPoint 	<ul style="list-style-type: none"> • Y4: Pivot Animations 	<ul style="list-style-type: none"> • Y4: Scratch 	<ul style="list-style-type: none"> • Y4: Moviemaker - 	<ul style="list-style-type: none"> • Y4: Moviemaker - • PR Video - Movie Maker 	<ul style="list-style-type: none"> • PR Video Presentation
P.E	Y4: Swimming Y3 + 4 Dance	Y3: Gym - rolls Y4: Gym - balances	Y4: Swimming Y4 : Invasion Games - creating own	Y4: Grafham - OAA/ Gym Y3: OAA Y3: Netwall Games - Fundamental Skills Y4 :Netwall Games	Y3: Swimming Y3: Striking and fielding Games - Fundamental Skills Y4: Striking and fielding Games	Y3+4: Athletics - Sports Day
PSHE	New Beginnings Anti Bullying Week Issues and Dilemmas Values:		Y4: Grafham Going For Goals Good to be Me Values:		Y4: Transitions to Middle School Moving on Relationships Changes Values:	
R.E	• Year 3: Unit 7 - What does it mean to be a Jew? (include		• Year 3: Unit 5 - How and why does a Christian follow Jesus?		• Year 3: Unit 6 - What do religions teach about the natural	

	<p>Jewish festivals from unit 4)</p> <ul style="list-style-type: none"> • Year 4: Unit 2 - How and why do believers show their commitments during the journey of life? • Year 4: Unit 4- What are the deeper meanings of the festivals? 	<ul style="list-style-type: none"> • Year 4: Unit 3- How should we live and who can inspire us? • Year 4: Unit 4- What are the deeper meanings of the festivals? 	<p>world and why should we care about it?</p> <ul style="list-style-type: none"> • Year 4: Unit 1- Where, how and why do people worship? • Year 4: Unit 4- What are the deeper meanings of the festivals?
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plays

Stories of mystery and suspense

Write instructions.

Write recounts.

Write persuasively.

Write explanations.

Write non-chronological reports.

Write biographies.

Write in a journalistic style.

Write arguments.

Write formally.