



Year 4 Emerald Class - Spring Term 2023/24 Overview

Class specific additional opportunities – SMSC, Character Development
(Further details of events to be confirmed)

Ashdown Forest:
19th January 2024
8th March 2024
Hindleap Warren - 11th – 13th March

	Subject Title(s)	Spring Term 1		Spring Term 2	
		Topic/Unit	Main objectives/outline	Topic/Unit	Topic/Unit
S.T.E.M	Maths	Multiplication and Division	<ul style="list-style-type: none"> • Multiply and divide by 10 and 100 • Related multiplication and division facts • Multiply and divide two and three digit numbers by 1 digit • Efficient multiplication methods • Problem solving 	Fractions	<ul style="list-style-type: none"> • Understand the whole • Partition a mixed number and position on a number line • Compare and order mixed numbers • Understand improper fractions • Convert mixed numbers to improper fractions • Convert improper fractions to mixed numbers • Equivalent fractions on a number line
		Length and Perimeter	<ul style="list-style-type: none"> • Measure in kilometres and metres • Equivalent lengths • Perimeter on a grid • Perimeter of a rectangle • Perimeter of rectilinear shapes • Find missing lengths in rectilinear shapes • Calculate the perimeter of rectilinear shapes • Perimeter of regular and irregular polygons 	Decimals	<ul style="list-style-type: none"> • Tenths as fractions • Tenths as decimals • Tenths on a place value chart • Tenths on a number line • Divide a 1-digit number by 10 • Divide a 2-digit number by 10 • Hundredths as fractions • Hundredths as decimals • Hundredths on a place value chart • Divide a 1- or 2-digit number by 100
	Science	Living Things and Habitats	<ul style="list-style-type: none"> • Grouping living things. • Scientific enquiry. • Vertebrates and invertebrates. • Classification keys - animals. • Classification keys – plants. • Grouping plants. • Local habitat survey. • Environmental changes. 		



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	Computing	Repetition in Shapes	<ul style="list-style-type: none"> To identify everyday tasks that include repetition as part of a sequence, eg brushing teeth, dance moves To explain that we can use a loop command in a program to repeat instructions Setting a program parameter Setting up a repetition of a programme Editing and modifying a programmed code 	Photo Editing	<ul style="list-style-type: none"> To recognise that digital images can be manipulated To use an application to change the whole of a digital image To choose the most appropriate tool for a particular purpose To consider the impact of changes made on the quality of the image
English and the Arts	English	Key Texts: The Lighthouse video Haikus and Cinquains	<ul style="list-style-type: none"> Newspaper reports Poetry Free writing. Persuasive writing. Information texts Narrative 		
	Music	Under the Sea	<ul style="list-style-type: none"> Peter Grimes 'Storm' - Choosing instruments to create an effect. Music Express 'Poetry' - exploring performance. Debussy 'La Mer' – leading to musical elements, scores and creating a seascape. Sing Up 'The Rockpool Rock'. Easter Service songs. Recorders 		
	Art	Colour and Pattern	<ul style="list-style-type: none"> Describing the work of some artists. Warm and cool colours from the colour wheel. Techniques of the artist Hokusai Experiment with watercolour techniques. Create a watercolour mixed media piece. 		
	French		<ul style="list-style-type: none"> Identity card/Family Weather Seasons Where in the world Pancakes 		
Historical, Spiritual and Global Understanding	History	Under the Sea	<ul style="list-style-type: none"> Adaptation. Environmental changes. Ecosystems. Layers of the ocean. Sea habitat. Locations of the world seas. Explorers (historical and current). 		
	Geography				



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	<p style="text-align: center;">Religious Education</p>	<p style="text-align: center;">Sikhism: What do Sikhs value?</p> <p style="text-align: center;">For Christians, is communion a celebration or an act of remembrance?</p>	<ul style="list-style-type: none"> • Who is Guru Nanak Ji and why is he important to many Sikhs? • Why is the Guru Granth Sahib Ji so important to many Sikhs? • Why is serving the community so important to many Sikhs? • Which symbols are special to most Sikhs and why? • How might a Sikh's beliefs impact their life? • What do many Sikhs value? 	<ul style="list-style-type: none"> • What do you do gathered around your table [or other piece of furniture!]? • Where does 'communion' come from? What did Jesus ask his followers to do 'until he comes again'? • Why did Jesus celebrate Passover? What connections are there between Passover and the Last Supper? • Why are bread and wine so important? • Did Jesus choose to die? Does this make a difference? • Do Christians 'remember' or 'celebrate' communion? How do different Christians do this? • What does communion mean for a Christian? Is it a celebration or remembrance? 	
<p>Health and Wellbeing</p>	<p style="text-align: center;">Physical Education</p>	<p style="text-align: center;">Dance</p>	<ul style="list-style-type: none"> • Shapes. • Phrases. • Explore a theme. • Create movements linking to a theme. • Linking actions to create a sequence. • Performing in line with the theme. 	<p style="text-align: center;">Hockey</p>	<ul style="list-style-type: none"> • Dribbling. • Static passing. • Passing whilst moving. • Tackling. • Attack and defence. • Team play.
	<p style="text-align: center;">P.S.H.E</p>	<p style="text-align: center;">Living in the Wider World</p>	<ul style="list-style-type: none"> • Zones of regulation and the learning pit. • What makes a community • Shared responsibilities • How data is shared and used • How to resolve differences • Making decisions about money; using and keeping money safe • Taking care of the environment 		