

Year 4 2021 - 2022						
SUBJECT	Autumn		Spring		Summer	
TOPIC	What did we learn from the Ancient Greeks?	Greece and other European countries.	What was it like to live millions of years ago?		The Fantastic Fens (Geography focus)	Interesting Isleham (History focus)
Visits and visitors	Ancient Greek Day Museum visit Bikeability		Woodland activities Stone Age Day Virtual visitor – archaeologist		Local history walk Fenland artist visitor Farm visit/Ely Museum	
English	Traditional Tales - Greek myths Discussion texts – the Elgin Marbles Play script writing	Poetry - Haikus Explanation texts Letter writing	A story with a historical setting – inspired by Stig of the Dump Non-Chronological reports (sound)	Narrative Poetry (Stone Age; The Quarry) Recount – Stone Age diaries and Newspaper report	Poetry – food Story settings – Fens Persuasion – linked to Fenland Life	Instruction writing (recipes in DT) Information texts – a guide to Isleham/The Fens
Science	<p><u>Teeth and digestion</u> This unit focuses on the digestive system in humans and animals and the functions of teeth. Children will learn more about herbivores, carnivores and omnivores in the context of teeth, digestion and the food chain. In addition, they will extend their understanding of food chains to more complex chains and food webs.</p> <p><u>States of matter</u> This unit teaches about the differences between solids, liquids and gases, classifying objects and identifying their properties. The children will investigate the weight of a gas and to find the ideal temperature to melt chocolate. They will explore in-</p>		<p><u>Sound</u> This ‘Sound’ unit will cover how vibrations cause sounds and how sound can travel, as well as how sounds can change pitch and loudness. They will use their understanding of how high and low sounds are made to create their own set of panpipes. They will have the opportunity to make a string telephone, investigate the best material for soundproofing, and design and create their own musical instrument.</p>		<p><u>Living Things and their Habitats</u> In this unit children explore a variety of ways to identify, sort, group and classify living things. They learn how animals are split into ‘vertebrates’ and ‘invertebrates’ and begin to consider the differences between living things within these classifications. They use and create classification keys to group, identify and name living things from the local habitat and beyond. This unit also introduces children to the idea that environments are subject to man-made and natural changes, and that these changes can have a significant impact on living things.</p>	

	depth how water changes state, exploring melting, freezing, condensing as well as a particular focus on evaporation. Finally, they will learn about the stages of the water cycle, creating mini water worlds and an interactive water wheel to represent the different stages.		<u>Electricity</u> This unit covers electricity in the home, as the children will identify appliances that use electricity and how to keep themselves safe. They will construct circuits, start to create pictorial circuits and conduct an investigation into switches.
DT	<u>Mechanical Posters</u> This 'Mechanical Posters' unit gives children opportunities to develop their understanding of mechanical systems. They will follow instructions on how to make different types of lever and linkage mechanisms. They will then design and create a multiplication poster of their own design, using a range of levels and features of the explored pieces. They will also design and make moving Christmas cards.	<u>Den Building</u> This unit gives children opportunities to develop their understanding of frame structures and how they can be strengthened and stiffened. Children will gain knowledge and understanding about the parts and shapes of different styles of dens and make models to show these. This will help them when designing and making their own dens in a woodland setting. Finally, children will test and evaluate their dens against design criteria they have created.	<u>Edible Garden (link to Fenland life)</u> This unit provides an opportunity for children to learn where and how a variety of ingredients are grown. Firstly, children will learn how to plant seeds and care for their plants so they produce food and herbs which can be used in their cooking. They will learn how to cook with the ingredients they are growing; following recipes and using different kitchen equipment.
Art and Design	<u>Inspired by Ancient Greece</u> In this unit children will record observations in sketchbooks and use them to visit and review ideas. They will improve the mastery of art and design techniques in the context of pastel coloured pencil drawing, printing and collage. Our final pieces will include a piece of pottery, Ancient Greek 'Scratch Art', Mosaic from glass and prints based on Greek geometric designs.	<u>Stone Age</u> Children will improve the mastery of art and design techniques in the context of painting and 3D form. They will learn how to mix different colours to achieve desired variation and create paints from natural dyes. In 3D work, children will create Stone Age jewellery and carve from soap.	<u>Fenland landscapes</u> In this art unit, children will learn about the great artists of history and local artists and improve the mastery of art and design techniques in the context of landscape drawing. They will use different media to achieve variations in line, texture, tone, colour, shape and pattern including pencil, wax crayons and rubbers. Children will record observations in sketchbooks and use them to visit and review ideas.
Year 4 sketchbooks	Can they use their sketch books to express their feelings about various subjects and outline likes and dislikes? Do they use their sketchbooks to adapt and improve their original ideas? Do they keep notes about the purpose of their work in their sketchbooks?		

Computing	Purple Mash: Coding and online safety	Purple Mash: Spreadsheets	Purple Mash: Writing for different audiences	Purple Mash: Logo and animation	Purple Mash: Animation and Effective Search	Purple Mash: Hardware investigators
	Online safety: We are Year 4 rule writers - reviewing and editing our online safety rules.	Online safety: We are respectful of digital rights and responsibilities.	Online safety: We are careful when talking to virtual friends.	Online safety: We are online risk managers.	Online safety: We are aware that our online content lasts forever.	Online safety: We are standing up to peer pressure.
History	In History lessons children will learn to understand significant aspects of history: nature of ancient civilisations, expansion and dissolution empires. They will become confident in asking questions about change, cause, similarity and difference as well as understanding that our knowledge of the past is constructed from a range of sources. In addition, they will be able to note connections, contrasts and trends over time and understand the methods of historical enquiry; how evidence is used to make historical claims.		In History this term the children will learn to explain how events from the past (The Stone Age) have helped shape our lives and consider how life in the stone Age compares with life today. They will develop a chronologically secure knowledge of The Stone – Age and understand that our knowledge of the past comes from a range of sources.	The children will be part of an <i>depth study linked to their locality – the history of the Fens.</i>		

Geography	<p>In Geography children will locate the world's countries, using maps to focus on Europe (including the location of Russia) concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.</p> <p>They will understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom and a region in a European country.</p> <p>They will use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.</p>		<p>The children will name and locate counties and cities of the United Kingdom, geographical regions and identify human and physical characteristics; types of settlement and land use, economic activity including trade links, and the distribution of natural resources as well as key topographical features and land-use patterns. They will understand how some of these aspects have changed over time and learn how the water cycle works.</p>		<p>The children will use use the eight points of a compass and four-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world</p> <p>They will use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies</p>	
Music	Performing –Rhythm, pattern, pitch Composing –standard notation, recording, interpreting Appraising –describe and identify character, purpose and style of music					
	Exploring performance Exploring composition	Exploring sounds Exploring structure	Exploring beat Exploring pitch	Exploring structure Exploring pitch	Exploring composition Exploring beat	Exploring notation Exploring performance
PE	Swimming Gymnastics	Netball Dance	Games - Hockey Gymnastics	OAA Dance	Tennis Swimming	Athletics Swimming
RE	Islam Why do Muslims call Muhammad the ‘seal of the prophets’?	Christianity How does believing Jesus is their saviour inspire Christians to save and serve others?	Hinduism How does the story of Rama and Sita inspire Hindus to follow their dharma?	Sikhism How does the teaching of the gurus move Sikhs from dark to light?	Christianity Why do Christians believe they are people on a mission?	Sikhism How do Sikhs put their beliefs about equality into practice
PSHE	Rights, rules and responsibilities	Family and friends Working together	Personal safety	Financial capability	Drug Education	Relationships and Sex Education Managing change

French	Animals Classroom instructions Parts of the body Colours Adjectives	food opinions Story telling Story reading Christmas	Shopping Numbers Months Dates birthdays	Personal descriptions Family Possessive adjectives	Dictionary skills and pronunciation Clothes colours stories	Days of the week Revision Assessments Performance
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