

Carpenters Primary School

Topic Overview - 2019-2020

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Y1	Seasonal changes and planting : Seasonal and daily weather patterns.					
	<p><u>Who am I?</u> (Science)</p> <p>This unit provides children the opportunity to learn about the parts of the body. A particular focus will be on using scientific vocabulary to group and describe animals, including humans.</p>	<p><u>Old toy or new toy?</u> (History/Science)</p> <p>Children will learn about a range of materials and investigate what materials toys and everyday items are made of.</p> <p>A study of changes within living memory- how have toys changed over time?</p>	<p><u>Where the Wild Things are</u> (Geography)</p> <p>An opportunity for children to develop their knowledge of the world, its continents and features. Children will contrast and compare rainforests, the arctic and our local environment. They will begin to use compasses and learn about how maps are used before creating their own.</p>	<p><u>Musical instruments</u> (Science)</p> <p>Throughout this unit, children will learn about sound and explore their senses.</p>	<p><u>Dinosaurs</u> (History/ Science)</p> <p>In this unit children will learn about events beyond their living memory with a focus on the question: what was the world like when dinosaurs lived? An additional focus will be on learning about how animals can be grouped according to their characteristics.</p>	<p><u>Where is the park?</u> (Science/Geography/ History)</p> <p>A local study: where is the UK? Where is London in the UK? What is it like to live there? Children will learn about how the Olympics came to Stratford and our Olympic legacy.</p> <p>Children will learn about habitats and the flora and fauna in our local area.</p>
Y2	How do plants grow from seeds and bulbs? Seasonal and daily weather patterns.					
	<p><u>Black History</u> (History/Geography)</p> <p>An opportunity to discover and understand how immigration has positively changed the dynamics of the UK.</p> <p>Children will learn about Mary Seacole and the sacrifices she made, alongside a number of other icons from across the 20 and 21 centuries..</p>	<p><u>We're all architects</u> (Science/ Geography)</p> <p>An opportunity to learn about the properties of materials, how materials can be sorted and grouped: what are the best materials for building homes?</p> <p>Children will consolidate their understanding of countries in the UK, world continents and compare their physical and human features.</p>	<p><u>Healthy Living</u> (Science)</p> <p>A chance to learn about the importance of leading a healthy lifestyle.</p> <p>What do all living things have in common? What do plants need in order to grow healthily?</p>	<p><u>The Otterley Adventure</u> (Geography/ Science)</p> <p>A detailed investigation into how maps are used and what journeys we take in our local environment. Children will develop their field work skills through the use of compasses, maps and real life experiences.</p> <p>A study of world habitats and our surroundings.</p>	<p><u>The Explorers</u> (History/Geography)</p> <p>A study of significant people who have shaped the UK, including Sir Francis Drake. They will compare modern explorers (such as Neil Armstrong) to those who made an important discoveries throughout history.</p> <p>Throughout the unit, children will develop their understanding of the continents and oceans of the world.</p>	<p><u>Let's go to London</u> (History/Geography)</p> <p>A study into the causes and effects of the Great Fire of London.</p> <p>Children will investigate the human and physical features of the city we live in.</p>
Y3	What do plants need?					
	<p><u>Animals</u> (Science)</p> <p>In this unit, children will learn about what humans need in terms of food and nutrition. What is inside our bodies? A study into the need for muscles, skeletons and teeth.</p>	<p><u>Cave Men</u> (History/Science)</p> <p>An opportunity to compare how life in the Stone Age is different to life today.</p> <p>A study into rocks and soils: how are they formed and how do we use them?</p>	<p><u>Attract or Repel?</u> (Science)</p> <p>A detailed look at forces and magnets. What effects do forces have? How do we know this when we cannot always see them?</p>	<p><u>The Romans</u> (History/Geography)</p> <p>A study into the Roman invasion of Britain and its lasting impact.</p> <p>Where did the Romans come from and where did they travel to?</p>	<p><u>Light and Shadow</u> (Science)</p> <p>This unit provides an opportunity for children to learn about the differences between sources of light and reflectors. How do we keep safe in the sun and at night?</p>	<p><u>Let's go to the Seaside!</u> (Geography/ History)</p> <p>Throughout this unit, we will compare and contrast physical and human characteristics of coastal regions- with a particular focus on comparing Spain and the UK. Children will develop their abilities to use maps effectively and field work</p>

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						skills, before developing their own. Children will learn about castles and their importance in protecting the UK over time.
	Cooking- using seasonal produce grown in school.					
Y4	<p style="text-align: center;">Habitats (Science)</p> <p>In this unit, children will learn about how animals can be classified and grouped. Children will study food chains and consider the impact of a change in equilibrium.</p> <p>Children will consider the impact that humans can have on their environment and the importance of protecting our natural resources.</p>	<p style="text-align: center;">The Egyptians (History/Geography)</p> <p>A detailed study into what life was like Ancient Egypt. Comparing the geography of Egypt to the UK and understanding the importance of the River Nile both today, and in the past.</p>	<p style="text-align: center;">The Thames (Science/Geography)</p> <p>A study of solids, liquids and gases in our environment. Children will learn about rivers of the world; their features and how they are formed. They will develop an understanding of the water cycle and its relevance of bodies of water across the world.</p>	<p style="text-align: center;">The Wonderful UK (Geography)</p> <p>A comparative study of the UK and France. An opportunity to learn about and celebrate the human and physical features of the UK that make it a great place to live and visit.</p> <p>Children will continue to enhance their field work skills and the ability to use the 8 points of a compass. They will use grid references and ordnance survey maps to build their knowledge of the UK.</p>	<p style="text-align: center;">Watt?! No Electricity? (Science)</p> <p>A study into how electricity is made and brought into our homes and environment. Children will also learn about the importance of renewable energies in the modern world.</p>	<p style="text-align: center;">Leave me alone! (History)</p> <p>A topic to learn about how Britain was settled by the Anglo- Saxons and Celts. A detailed investigation into what life was like and how societies were organised.</p>
	Living things and their habitats - Life cycles of plants and animals					
Y5	<p style="text-align: center;">Planet Earth (Science/ Geography)</p> <p>This unit provides an opportunity for children to learn about the planets in our solar system. An additional focus will be on explaining what causes day, night and the seasons on Earth.</p> <p>Children will learn about the world's biomes and other natural features that make our planet so amazing.</p>	<p style="text-align: center;">The Vikings (History/Geography)</p> <p>A study into what life was like both before and after the Vikings invaded Britain. Children will investigate where the Vikings came from, where they travelled and their impact on the countries they invaded. They will learn about the geography of Scandinavia</p>	<p style="text-align: center;">Circle of life (Science/PSHCE)</p> <p>A topic that investigates the life cycles of mammals, amphibians, insects and birds. Children will learn about how both plants and animals reproduce and describe how humans change as they age.</p>	<p style="text-align: center;">The Victorians (History/Geography)</p> <p>A detailed study into life during the reign of Queen Victoria.</p> <p>How has London changed since the 1800s? A study of how the characteristics of London have changed over time. Children will develop their ability to use grid references and ordnance survey maps to build their knowledge of the UK and how its physical geography has changed over time.</p>	<p style="text-align: center;">Natural Disasters (Geography/Science)</p> <p>An investigation into what causes a range of natural disasters and where in the world they occur. Children will consolidate their understanding of climate zones and vegetation belts.</p> <p>A series of experiments and research into the properties of a range of materials and changes of state.</p>	<p style="text-align: center;">Forces (Science)</p> <p>Children will have the opportunity to investigate the effects that gravity, friction, air resistance and buoyancy have on objects.</p>

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		and how mountains are formed.				
	Cooking seasonal produce grown in school					
Y6	<p style="text-align: center;"><u>A bugs life</u> (Science)</p> <p>This unit focuses on understanding how animals adapt to the environment in which they live. Children will study how animals and plants can be classified and the scientists who paved the way with classification. An additional focus will be on understanding how plants reproduce.</p>	<p style="text-align: center;"><u>The Greeks</u> (History/Geography)</p> <p>A detailed study into Ancient Greek society, with a particular focus on the legacies of Ancient Greece, such as democracy, philosophy and science. Children will learn about trade route (historical and current); fairtrade and the geography of Greece and its surrounding areas.</p>	<p style="text-align: center;"><u>Evolution and inheritance</u> (Science)</p> <p>An opportunity to discover how animals and humans have evolved over time. Children will also research scientists who have made significant contributions to our understanding of evolution.</p>	<p style="text-align: center;"><u>Lighten up!</u> Science</p> <p>In this unit, children will learn how light travels and explain how we see things. They will consolidate their understanding of how electrical circuits work.</p>	<p style="text-align: center;"><u>WW2</u> (History/Geography)</p> <p>Children will go back in time to discover the causes of WW2 and to research the effects of the war on life in London. There will be a significant focus on learning about the Blitz and its impact on our local area; the East End of London. Children will investigate what life was like as an evacuee and the impact of rationing on families. Children will consolidate their understanding of trade and how the war impacted this. They will develop their understanding of the European continent (including Russia) and practice their map skills.</p>	<p style="text-align: center;"><u>The Maya</u> (History/Geography)</p> <p>A study into Mayan civilisation circa 900 AD and the impact of the Spanish conquest.</p> <p>Children will make detailed comparisons of the American and European continents and consolidate their understanding of how humans impact on their environments. Children will build on their prior knowledge about settlements and land use.</p>