



Topic and Science Overview September 2020

Year 2						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
History	<p>Why are play stations more fun than toys from the past?</p> <p>Changes within living memory: When my great grandparents were young – toys</p> <p>Achievements (scientific and cultural) Changes in technology in last 50 years</p> <p>Entertainment Toys and technology, recreational activities</p>	<p>Significant event: Remembrance Day Society (local people sacrificing themselves for their country)</p> <p>Entertainment - wartime songs</p> <p>Weapons and warfare- battlefield, guns, trenches</p>	<p>How did a baker burn down an entire city?</p> <p>Great Fire of London and Great Fire of Newcastle and Gateshead</p> <p>Significant historical events- people and places in their own locality- Great Fire of London & Fire Newcastle and Gateshead</p> <p>Achievements London rebuilt and introduction of fire safety and fire brigade</p> <p>Housing and architecture: Before the fire building materials Rebuilding of London change in building materials after fire</p> <p>Weapons and warfare Gunpowder used to stop the fire</p>		<p>James Cook: Did a Cook really discover Australia?</p> <p>Significant individuals in the past who have contributed to national and international achievements – James Cook</p> <p>Achievements (scientific and cultural) Cartography Discovery of East Coast Australia, Newfoundland New Zealand coastlines Crossing the Antarctic circle and travelling to places unknown</p> <p>Society (politics and class) The growth of the Empire, Life in the Royal Navy, Royal Society</p> <p>Weapons and warfare. The ships of the 1700's. The British Navy and its importance in this era</p>	
Geography	<p>Map reading – I live in the United Kingdom</p> <ul style="list-style-type: none"> • Locational knowledge – Tyne and wear, North East, UK, four countries and capital cities of the UK, North, South, East and West. • Human geography – read maps to locate cities, towns, villages, farms, harbours. Follow a map in local area – 		<p>A small area of the UK and of a small area in a contrasting non-European country- India</p> <ul style="list-style-type: none"> • Locational knowledge – continents, oceans, cities, identify features on a map. • Human geography what amenities are in the areas, transport, landmarks, factories how do they differ? 		<p>Australia</p> <ul style="list-style-type: none"> • Locational knowledge – continents, surrounding oceans. • Human geography – impact tourism on coral reef. Port, harbour, shops • Physical geography – What is the land use, what does the area look like? 	



	shops, factories. Use aerial photographs to recognise landmarks. <ul style="list-style-type: none"> • Physical geography – What is the land use, what does the area look like? Physical features around the school. • Environmental Impact/Effect – Bush fires, coral reef habitats 	<ul style="list-style-type: none"> • Physical geography – are there any green spaces, beach, cliffs, coast, forest, river, sea, vegetation, landmarks how do they differ? • Environmental Impact/Effect –. Tourism, plastic pollution 	<ul style="list-style-type: none"> • Environmental Impact/Effect – Bush fires, coral reef habitats 			
Science	Animals including humans- Healthy Eating Healthy eating plate, glitter germs, bread germs. Trip- Lintz Hall Farm	Habitats and living things microhabitats & bird feeders	Materials & testing materials Waterproof materials-wellies (Charles Macintosh)	Plants Growing- sunflowers, broad beans in zip lock bags, plant smash, plant hunt, daisy data collection.		
PE	Games		Dance		Athletics	
SCARF	Me and My Relationships	Valuing Differences	Keeping Myself Safe	Rights and Responsibilities	Being my Best	Growing and Changing
Friends Resilience	Friends Resilience- Meditation and relaxation/ Healthy eating/ Exercise/ Feelings- our own and those of others					
RE	Christianity: Why is the bible special to Christians? Christmas: Why is light important at Christmas?		General enquiry: What does it mean to belong to a religion? (ceremonies of commitment: weddings, christenings, etc.) Easter: How do Christians celebrate Easter?		Hinduism – How do Hindus worship?	
Music	Hands Feet Heart -Percussion -Glockenspiels		Friendship Song		Rewind and Replay	
ICT	How can we use ICT to communicate? Who can we tell if something bad happens online?		Creating a multimedia presentation. Using ICT to organise and sort data. What tips would you follow to stay safe online (multimedia slide).		Can you create an original new flower? – Using brushes and stamps. What is a Branching Database and how does it work?	



	<p>Can you create a unique firework display using algorithms? Why are clear steps important?</p> <p>Application of food groups to create a healthy balanced plate (image manipulation & desktop publishing).</p>		<p>Can you program and control an avatar using directional language and repeats? What is a simulation and why are they used?</p>
Art	<p>Art from other Cultures Exploring materials and techniques inspired by aboriginal art.</p>	<p>Under The Sea Exploring different materials and techniques inspired by theme, addressing environmental issues (plastic pollution)</p>	<p>The Natural World Explore the work of famous artists. (Van Gogh Sunflowers) Experiment with materials and techniques inspired by nature. Plants, flowers, shells.</p>
DT	<p>Food Technology- Design and make a healthy fruit salad</p>	<p>Use of Materials: Make a waterproof boat (STEM Unit) or other object linked to Science – eg design an insulated container for hot or cold drink</p> <p>Construction: Wheeled Vehicles – using axles – link to Fire Engines in History Topic</p> <p>Computer aided design- How does your software speak</p>	<p>Textiles- Textile work based on a 'topic' theme – children designing and making their own 'square' to contribute to a larger piece of work (GM)</p>