

D&T overview 2021-2022

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	<p>From Field to Fork <i>The journey of food from the field to our plate. With lots of opportunities to cook, write instructions and taste different foods.</i></p>	<p>Express yourself <i>An opportunity for pupils to show their talents in creative ways whilst reflecting on their achievements.</i></p>	<p>Plants <i>A literacy and science topic that explores a world of plants through text and investigation.</i></p>	<p>Rainforest <i>An in-depth study of the Amazon Rainforest and survival within it.</i></p>	<p>Kingdom <i>Literacy, art and music unit based on the text Kensuke’s Kingdom.</i></p>	<p>Land of the free <i>A geographical study of north America, including study of the importance of the underground railroad.</i></p>
	<p>Food –bread, ratatouille and pumpkin soup</p> <p>Texts: Gruffalo Crumble and other recipes Nadiya Bake Me a Story Pattan’s Pumpkin</p>	<p>Printing – in the style of William Morris</p> <p>Textiles – dip dye techniques, stitching puppets</p> <p>Computing – designs</p> <p>Materials – cutting, shaping and joining</p>	<p>Mechanics – split pin animals</p> <p>Texts: The Green Ship James and the Giant Peach</p>	<p>Materials – making fire, filtering water, making a shelter (survival day)</p> <p>Text: The Explorer</p>		
Autumn 2	<p>Let’s Remember <i>The events of the Great War and the importance of remembering.</i></p>	<p>Great and Ghastly Events <i>A journey through British history looking at the great and ghastly events.</i></p>	<p>Light <i>An exploration of light, expressing ideas through paint and music.</i></p> <p>Language (2 weeks)</p>	<p>Light it up <i>An investigation into circuits within D&T.</i></p>	<p>Achievements and Legacies <i>Gain an understanding of lives throughout history and how achievements changed the way that we live.</i></p>	<p>Land of the free <i>A historical and present day study of north America, including study of the civil rights movement and Black Lives Matter.</i></p>

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	<p>Materials – paper poppies</p> <p>Texts: The Little Hen and the Great War Where the Poppies Now Grow The Christmas Truce</p>		<p>Mechanics – a box light, shadow puppets, pop-up cards, sliding cards</p> <p>Text: The Firework Maker’s Daughter</p>	<p>Electronics and mechanics – series circuits, lighthouse</p> <p>Text: The Iron Man</p>		<p>Electronics – intruder alarm</p>
Spring 1	<p>Extreme Weather <i>Weather throughout the seasons in the UK and extreme weather around the world.</i></p>	<p>Great and Ghastly Events <i>A journey through British history looking at the great and ghastly events.</i></p>	<p>Language <i>A journey through history looking at the development of communication and language.</i></p>	<p>Transport and Trade <i>Around the world in 80 days and a multi-transport journey around London in 8 hours.</i></p>	<p>Achievements and Legacies <i>Achievements and legacies up to the present day including the suffragettes, key individuals that have changed society as we know it and advances in technology.</i></p>	<p>Conflict <i>A study of conflict from the iron age to Romans and their influence on Britain. As well as how conflict is portrayed in music.</i></p>
	<p>Materials – weather vane</p> <p>Texts: The Wind Blew You wouldn’t want to live without extreme weather! Percy the park keeper – After the Storm Percy the park keeper – One Snowy night</p>	<p>Materials and construction - boats</p> <p>Texts: Time travelling Toby and the Battle of Trafalgar Ways into History – Florence Nightingale Time travelling Toby and the Battle of Britain Time travelling Toby and the Apollo Moon Landing</p>	<p>Materials – ink and quills Textiles – semaphore flags</p> <p>Text: Beowulf</p>		<p>Textiles – rosettes inspired by the suffragettes</p>	

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<p>Spring 2</p>	<p>Post-a-Pringle <i>Can you post a pringle? An investigation into the properties of materials.</i></p>	<p>Can you feel the force? <i>Investigations into forces where children will build a catapult, a marble run and a lift! They will even experience the forces at work in a circus.</i></p>	<p>Heroes and Villains <i>A comparison of original and contemporary versions of fairy tales with images depicted through art.</i></p>	<p>Transport and Trade <i>A journey through history exploring the development of transport and trade.</i></p>	<p>Rich and Poor <i>The difference between rich and poor lifestyles throughout history and in the present day.</i></p>	<p>Conflict <i>Focus on World War 2 and its casualties. Also how members of the community served their country, propaganda and evidence of the war and its effect on our local area.</i></p>
	<p>Materials and construction – protective packaging</p> <p>Text: The Jolly Postman</p>	<p>Materials, construction and mechanics – marble run, catapults, lifts</p> <p>Texts: The show must go on The Farmer and the Clown George’s Marvellous Medicine</p>	<p>Food – chocolate tiffin, own sweet treat</p> <p>Texts: Cinderella Hansel and Gretel (traditional and graphic novel)</p>			

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Summer 1	Animal Antics <i>Literacy and Science topic that looks at new life and animal behaviour.</i>	Books, Books, Books <i>Literacy and D&T topic where children look in-depth at a variety of books by the same author and make their own books.</i>	Eurovision <i>Traditions and cultures in the countries of Europe.</i>	Land of Hope & Glory <i>An in-depth study of the different areas within the UK and a focus on migration throughout the ages to the present day.</i>	Angry Earth <i>Exploring the physical and human geography of earthquakes, zones and volcanoes.</i>	Conflict <i>Peace today and the work of the UN.</i>
		Materials – books Text: Charlie Cook’s Favourite Book			Materials and construction – buildings to survive earthquakes Text: Survivor: Escape from Pompeii	Food – wartime rationing recipes Computing – code to control and monitor models/products

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<p>Summer 2</p>	<p>African Adventure Focus on the continent of Africa, countries, culture and traditions.</p>	<p>Amazing Places and Spaces What makes the UK an amazing place and space? Focus on different countries in the UK, cultures and traditions.</p>	<p>Buildings A comparison of architectural designs of different buildings resulting in creating computer aided designs of their own building.</p>	<p>The Arts An analysis and creation of pieces of art and music in the style of different inspirational artists.</p>	<p>Wacky Races Comparison of modern and classic cars. Pupils design, make and test their own cars using their knowledge of forces.</p>	<p>Tomorrow's World Transition unit that looks at preparing our young people for the future. Topical issues are raised and pupils demonstrate their thoughts and feelings through art, DT, music and performance. (Including online safety, climate change...)</p>
			<p>Computing – buildings</p> <p>Texts: The Visual Dictionary of Buildings Record Breaking Buildings Forts and Walls in Benin</p>		<p>Mechanics, materials and construction – cars</p> <p>Text: Chitty Chitty Bang Bang</p>	<p>Textiles – thrifty handbags (make do and mend / reduce, reuse, recycle)</p> <p>Computing – prototype of a spy's gadget</p>