

Cycle A		1 Time Travel	2 Planet Earth	3 Heroes and Villains	4 What's in the News?	5 Food for Thought	6 Incredible Humans
	EY	<p align="center"><u>Solar System</u></p> <p>Focus DT skill: Sewing.</p> <p>Final outcome: To make a sock puppet of an alien from a different planet.</p> <p>Cross curricular links: Expressive art and design – using and exploring a variety of materials, tools and techniques; experimenting with colour, design, texture, form and function. Literacy – making links to characters from stories. Personal, social and emotional development: following rules in order to use tools safely.</p>		<p align="center"><u>Spring into Action</u></p> <p>Focus DT skill: Construction.</p> <p>Final outcome: To design and make a bird box.</p> <p>Cross curricular links: Maths: nets and 3D shapes. Personal, social and emotional development: following rules in order to use tools safely.</p>		<p align="center"><u>Healthy Living</u></p> <p>Focus DT skill: Food Technology.</p> <p>Final outcome: To plan, create and taste our own fruit salad.</p> <p>Cross curricular links: Physical Development - children will learn about the importance for good health, of physical exercise and a healthy diet. The children will talk about ways to keep healthy and safe. The children will learn how to manage their own basic hygiene and personal needs successfully.</p>	
	1/2	<p align="center"><u>Hidden Habitats</u></p> <p>Focus DT skill: Constructing a bug hotel</p> <p>Final outcome: To design and create an individual bug hotel made out of wood, containing natural resources collected from the environment.</p> <p>Cross curricular links: Maths – measuring lengths. Science – habitats.</p>		<p align="center"><u>Save the Orangutans</u></p> <p>Focus DT skill: Sewing.</p> <p>Final outcome: To design and make a toy orangutan.</p> <p>Cross curricular links: Maths – measuring lengths. English- writing a letter to a local store to stop selling products that contain palm oil.</p>		<p align="center"><u>Take me to Italy</u></p> <p>Focus DT skill: Food Technology.</p> <p>Final outcome: To design and make a pasta sauce recipe to sell at the summer fair.</p> <p>Cross curricular links: Maths links – weighing ingredients. Enterprise – designing a product to sell. English – Writing (pen-pal) to a school from another country. PE – Linking healthy diets to a healthy body.</p>	
	3/4	<p align="center"><u>Up in Smoke</u></p> <p>Focus DT skill: Constructing an erupting volcano.</p> <p>Final outcome: To design and make an erupting volcano, carefully measuring where the internal mechanisms will sit.</p> <p>Cross curricular links: Maths – measuring materials in order to create a volcano to a specific height and width. Science – changing states.</p>		<p align="center"><u>What a Load of Rubbish!</u></p> <p>Focus DT skill: Construction, sewing and electronics.</p> <p>Final outcome: To design and make a prototype of a waterproof tent, featuring an internal light.</p> <p>Cross curricular links: Maths – measuring materials to create their den. Science – waterproof materials. Science – electrical circuits.</p>		<p align="center"><u>Chocolate: is it worth it?</u></p> <p>Focus DT skill: Food technology.</p> <p>Final outcome: To design and make a fair trade chocolate bar.</p> <p>Cross curricular links: English – writing a persuasive letter to a company to sell our chocolate bars. Maths – weighing ingredients when making the chocolate bars. Enterprise – selling chocolate at the summer fair.</p>	
	5/6	<p align="center"><u>Natural Disasters</u></p> <p>Focus DT skill: Construction.</p> <p>Final outcome: To design and create our own earthquake-proof shelter.</p> <p>Cross curricular links: Science and geography – learning where Earthquakes happen, and why. Maths – measuring.</p>		<p align="center"><u>Our Community</u></p> <p>Focus DT skill: Construction and electronics.</p> <p>Final outcome: To use DT and maths skills to design, measure and build their own house with a doorbell.</p> <p>Cross curricular links: Maths – measure. Science – electronics.</p>		<p align="center"><u>Great Southcoates Bake Off</u></p> <p>Focus DT skill: Food technology.</p> <p>Final outcome: To design and create our own Yorkshire pudding based dish.</p> <p>Cross curricular links: Maths – measuring and weighing ingredients. Writing – instruction/recipe writing. Science – exploring nutritional values.</p>	

Cycle B		1 Kings and Queens	2 A Drop in the Ocean	3 A Stitch in Time	4 A Helping Hand	5 Battle of the Authors	6 Survival of the Fittest
	EY	<p align="center"><u>Under the Sea</u></p> <p>Focus DT skill: Construction.</p> <p>Final outcome: To create a model boat that floats.</p> <p>Cross curricular links: Expressive art and design –the children will safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. Science – the children will explore which materials float and which materials sink.</p>	<p align="center"><u>Materials That We Use</u></p> <p>Focus DT skill: Sewing.</p> <p>Final outcome: To design and make a hat for a teddy.</p> <p>Cross curricular links: Expressive art and design – the children will plan their hat, explore materials and use sewing techniques to join materials. Science – the children will think about the properties of materials.</p>	<p align="center"><u>Healthy Bodies, Healthy Minds</u></p> <p>Focus DT skill: Food Technology.</p> <p>Final outcome: To design and make a healthy fruit smoothie.</p> <p>Cross curricular links: Science – the children will learn about a healthy diet.</p>			
	1/2	<p align="center"><u>Penguin Parade</u></p> <p>Focus DT skill: Constructing moving parts and pop-up mechanisms.</p> <p>Final outcome: To design and create a pop-up Christmas card with a moving penguin.</p> <p>Cross curricular links: Maths links – measuring lengths.</p>	<p align="center"><u>Magical Memories</u></p> <p>Focus DT skill: Sewing.</p> <p>Final outcome: To design and make a section of a patchwork quilt.</p> <p>Cross curricular links: Maths link – measuring lengths. Reading – the sewing will be influenced by the story The Patchwork Quilt.</p>	<p align="center"><u>Predators</u></p> <p>Focus DT skill: Food Technology.</p> <p>Final outcome: To design and make a meal using only fresh and healthy ingredients.</p> <p>Cross curricular links: Maths links – weighing ingredients. PE – Linking a healthy diet to a healthy body.</p>			
	3/4	<p align="center"><u>The Lost Villages</u></p> <p>Focus DT skill: Construction.</p> <p>Final outcome: To design and create a model of a tidal barrier, with a pulley system to raise and lower the barrier.</p> <p>Cross curricular links: Maths – measuring lengths and heights in cm and mm. Geography – discussing why we need to build sea defences and what makes a strong structure.</p>	<p align="center"><u>Fashion in the 1960s</u></p> <p>Focus DT skill: Sewing.</p> <p>Final outcome: To design and create a cushion using 1960's style patterns.</p> <p>Cross curricular links: Reading – reading and discussing the features of instructions on how to make a cushion. Maths – looking at symmetrical patterns and shape.</p>	<p align="center"><u>Deadly Sixty</u></p> <p>Focus DT skill: Constructing with levers and linkages.</p> <p>Final outcome: To create a snapping crocodile.</p> <p>Cross curricular links: Maths – measurement.</p>			
	5/6	<p align="center"><u>Transmigration, The Titanic and The Journey</u></p> <p>Focus DT skill: Construction.</p> <p>Final outcome: To create a moving vehicle, using gears, pulleys, cams, levers and linkages.</p> <p>Cross curricular links: Science – exploring friction, air resistance and different surfaces.</p>	<p align="center"><u>The Elizabethans</u></p> <p>Focus DT skill: Sewing.</p> <p>Final outcome: To create an Elizabethan costume accessory.</p> <p>Cross curricular links: English - Link to Romeo and Juliet.</p>	<p align="center"><u>Running Wild</u></p> <p>Focus DT skill: Construction using a cam and pulley system.</p> <p>Final outcome: To create bucket and well system.</p> <p>Cross curricular links: Science – understanding the basic needs for survival.</p>			