



Design and Technology

		1 Time Travel	2 Planet Earth	3 Heroes and Villains	4 What's in the news?	5 Food for thought	6 Incredible Humans
Cycle A	EY	<p align="center"><u>Solar System</u></p> <p>Focus DT skill: Construction</p> <p>Final outcome: To make a rocket with all the appropriate parts.</p> <p>Cross curricular links: Expressive art and design - they safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</p>		<p align="center"><u>Spring into Action</u></p> <p>Focus DT skill: Exploring</p> <p>Final outcome: To programme a Beebot to follow a route.</p> <p>Cross curricular links: Physical Development - children show good control and co-ordination in large and small movements. They move confidently in a range of ways, safely negotiating space.</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 know the importance for good health of physical exercise, and a healthy diet, and talk about ways to keep healthy and safe. They manage their own basic hygiene and personal needs successfully.</p>	
	1/2	<p align="center"><u>Hidden Habitats</u></p> <p>Focus DT skill: Construction</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 – habitat</p>		<p align="center"><u>Save the Orangutans</u></p> <p>Focus DT skill: Designing</p> <p>Final outcome: To design packaging that advertises product with no palm oil.</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>Parental involvement: Parents invited in to help launch the theme. Making a rainforest and orang-utans for the main display.</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. 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: Construction</p> <p>Final outcome: To design and make our own volcano from mod roc.</p> <p>Cross curricular links: Maths – measuring materials in order to create a volcano to a specific height.</p>		<p align="center"><u>What a load of rubbish!</u></p> <p>Focus DT skill: Designing and exploring</p> <p>Final outcome: To design and create a den using recycled material.</p> <p>Cross curricular links: Maths – measuring materials to create their den.</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 along with suitable packaging. This theme shall be linked to enterprise.</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.</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: We will be studying earthquakes and their causes, this links to measuring in maths.</p>		<p align="center"><u>Our Community</u></p> <p>Focus DT skill: Exploring</p> <p>Final outcome: To use DT and maths skills to design, measure and build their own house within a larger community.</p> <p>Cross curricular links: Measure in maths and land use in geography.</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: Links to measure and capacity in maths and recipes in English. Links to geography by using locally sourced ingredients.</p>	

		1 Kings and Queens	2 A drop in the ocean	3 A stitch in time	4 A helping hand	5 Who is your favourite author?	6 Survival of the fittest
Cycle B	EY	<u>Under the Sea</u> Focus DT skill: Exploring skills Final outcome: To create an under the sea pictures using paint, marbling, colour washes and paint programmes on the computers. Cross curricular links: Expressive art and design -They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.		<u>Materials that we use</u> Focus DT skill: Sewing Final outcome: To design and make a puppet in the style of Punch and Judy. Cross curricular links: Expressive art and Design - Selects tools and techniques needed to shape, assemble and join materials they are using.		<u>Healthy Bodies, Healthy Minds</u> Focus DT skill: Construction Final outcome: To make tools. Cross curricular links:	
	1/2	<u>Penguin Parade</u> Focus DT skill: Exploring mechanism Final outcome: To design and create a pop-up enclosure with a moving penguin for a Christmas card. Cross curricular links: Maths links – measuring lengths.		<u>Magical Memories</u> Focus DT skill: Sewing Final outcome: To design and make a patchwork quilt. Cross curricular links: Maths link – Measuring lengths		<u>Predators</u> Focus DT skill: Food Technology Final outcome: To design and make a meal using only fresh and healthy ingredients. Cross curricular links: Maths links – weighing ingredients. PE – Linking a healthy diet to a healthy body.	
	3/4	<u>The lost villages</u> Focus DT skill: Construction Final outcome: To design and create a model of 3D sea defence or strong structure to stop erosion. 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.		<u>Fashion in the 1960s</u> Focus DT skill: Sewing Final outcome: To design and create a cushion using 1960's style patterns. Cross curricular links: Reading – reading and discussing the features of instructions on how to make a cushion. Maths – looking at symmetrical patterns and shape.		<u>Deadly Sixty</u> Focus DT skill: Exploring skills Final outcome: To create animal masks out of paper-Mache. Cross curricular links: Geography – discussing endangered animals and using those to create the designs on the mask.	
	5/6	<u>Transmigration, The Titanic and The Journey</u> Focus DT skill: Exploring skills Final outcome: To create an exhibition of work and resources about transmigration to share with parents. Cross curricular links: Link to geography skills and presentation of English work		<u>The Elizabethans</u> Focus DT skill: Sewing Final outcome: To create a costume or a mask for a masquerade ball. Cross curricular links: Link to English and Romeo and Juliet		<u>Mankind vs Nature</u> Focus DT skill: Construction Final outcome: To create a survival shelter made from natural resources. Cross curricular links: Link to geography and what will be needed in different climates	