



Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Spring 3	Spring 4
1	<p>Curriculum focus: <b>Seasonal changes/weather</b></p> <p><b>Aspect of D&amp;T:</b> MECHANISMS <b>Focus:</b> Sliders and Levers</p> <p><b>Focus: Project Title:</b> Design, make and evaluate a class information booklet linked to seasons and the weather</p> <p><b>Brief:</b> This unit will investigate and evaluate weather (science link) and how it changes through the seasons. Focus tasks will introduce children to sliders and levers and develop their understanding of how they work. Children will use their learning to help them design, make and evaluate a class information booklet linked to seasonal changes and weather.</p>		<p>Curriculum Focus: <b>Farming and Food</b></p> <p><b>Aspect of D&amp;T:</b> FOOD <b>Focus:</b> Preparing Fruit and Vegetables</p> <p><b>Project Title:</b> Design, make and evaluate a tinned meal that can be given to people without homes using only local produce.</p> <p><b>Brief:</b> This unit will investigate and evaluate local produce and its availability in our town. This will include replacing meat in meals to help manage cost and make their product more cost effective as well as how packaging can be used to extend shelf-life. Focused tasks will engage the children in expanding their understanding of local farming, refine use of common kitchen utensils and consider healthy lifestyles in preparation for the designing, making and evaluating of their product.</p>		<p>Curriculum Focus: <b>At the beach/Seaside</b></p> <p><b>Aspect of D&amp;T:</b> TEXTILES <b>Focus:</b> Templates and Joining Techniques</p> <p><b>Project Title:</b> Design, make and evaluate a reusable bag for our class that we can use to carry our belongings to and from the beach.</p> <p><b>Brief:</b> This unit will investigate and evaluate existing reusable fabric bags and why they are an important part of saving our planet. Focused tasks will introduce children to making and using templates as well as different joining techniques including sewing. Children will use their learning to help them design, make and evaluate a reusable bag that they can use to take their belongings to and from the beach.</p>	
2	<p>Curriculum focus: <b>Toys</b></p> <p><b>Category:</b> STRUCTURES <b>Focus:</b> Freestanding Structures</p> <p><b>Project Title:</b> Design, make and evaluate playground equipment for our playground that is inclusive.</p> <p><b>Brief:</b> This unit will investigate and evaluate playground equipment</p>		<p>Curriculum focus: <b>Farming in Lincolnshire comparison with London</b></p> <p><b>Aspect of D&amp;T:</b> FOOD <b>Focus:</b> Healthy and Varied Diet</p> <p><b>Project Title:</b> Design, make and evaluate a vegetable topping for a bread dish to present in our school-wide competition.</p>		<p>Curriculum Focus: <b>Railways/Seaside</b></p> <p><b>Aspect of D&amp;T:</b> MECHANISMS <b>Focus:</b> Wheels and Axles</p> <p><b>Project Title:</b> Design, make and evaluate a sand or rail vehicle that can be used for holiday makers to explore Mablethorpe.</p> <p><b>Brief:</b> This unit will investigate and evaluate wheeled products used in everyday life.</p>	



	currently available in Mablethorpe and on our school grounds. Focused tasks will develop children's construction skills using consumable materials and construction kits. Children will consider inclusivity and the importance of this in designing towards a future using first-hand experiences to inform their learning. They will use their learning to design, make and evaluate a piece of playground equipment that can be accessed by all children regardless of physical ability.	<b>Brief:</b> During this project, children will have the opportunity to work with vegetables, exploring their flavours and considering where in the world they have come from. They will use their learning about explorers to understand how new flavours and ideas reach the UK and how much of our cooking is inspired by other countries and cultures. Children will practice their cutting, chopping, slicing and grating skills to create a cold topping for bread. This will then be evaluated by their peers in the school-wide celebration of our fantastic Mablethorpe chefs	Focused tasks will develop children's understanding of how wheels and axles are assembled as either fixed or free axles. Children will be taught how to mark out, hold, cut, join and materials and components correctly. They will use their learning to design, make and evaluate a sand or rail vehicle that can be used for holiday makers to explore Mablethorpe.
<b>3 / 4</b>	<p>Curriculum Focus: <b>Spanish – 3 – Greetings and introduction 4- Revision, age and birthday</b></p> <p><b>Aspect of D&amp;T: MECHANISMS</b> <b>Focus:</b> Levers and Linkages</p> <p><b>Project Title:</b> Design, make and evaluate a learning tool for children practicing Spanish.</p> <p><b>Brief:</b> Children will build upon their learning in KS1 to create a learning tool which will support children in learning Spanish. Children will consider how they can use levers to alternate between Spanish and English and how to present this in a way that appeals to their audience.</p>	<p>Curriculum focus: <b>Grace O'Malley</b></p> <p><b>Aspect of D&amp;T: FOOD</b> <b>Focus:</b> Healthy and Varied Diet</p> <p><b>Project Title:</b> Design, make and evaluate a healthy balanced meal for a pirate.</p> <p><b>Brief:</b> During this project, children will have the opportunity to work with vegetables, exploring their flavours and considering where in the world they have come from. They will use their learning about explorers to understand how new flavours and ideas reach the UK and how much of our cooking is inspired by other countries and cultures. Children will practice their cutting, chopping, slicing, and grating skills to create a cold topping for bread. This will then be evaluated by their peers in the school-wide</p>	<p>Curriculum Focus: <b>Making relationships/Changing me</b></p> <p><b>Aspect of D&amp;T:</b> Electrical Systems <b>Focus:</b> Simple Circuits and Switches</p> <p><b>Project Title:</b> Design, make and evaluate an alternative way to get attention in the classroom.</p> <p><b>Brief:</b> Building on their PSHE focus over term 5/6 term of making relationships and changing me, children will consider the challenges other people are facing. Children will consider people who may not be able to put their hand up to talk in class due to various reasons (nervous, physical disability). They</p>



	They will investigate current examples of such products and use their learning in Spanish to support their product.	celebration of our fantastic Mablethorpe chefs	will consider how they can make the classroom an inclusive environment using circuits with switches. Children will use their learning in the Term 2 Science unit to create circuits after researching the current market for similar products.
<b>5/6</b>	<p>Curriculum Focus: <b>Tudors</b></p> <p><b>Aspect of D&amp;T:</b> Mechanisms <b>Focus:</b> Pulleys and Gears</p> <p><b>Project Title:</b> Design, make and evaluate a window display with moving parts that demonstrate information linked to learning about Tudors.</p> <p><b>Brief:</b> This term children have been learning about Tudors. They will design, make and evaluate a window display with moving parts that demonstrate information linked to learning about Tudors.</p>	<p>Curriculum Focus: <b>Ancient Greece</b></p> <p><b>Aspect of D&amp;T:</b> Electrical Systems <b>Focus:</b> Monitoring and Control</p> <p><b>Project Title:</b> Design, make and evaluate an alarm to protect an historic artefact within a museum from theft.</p> <p><b>Brief:</b> These terms, children have been learning about Ancient Greece. Using this learning alongside their previous learning in science children will use electrical systems and micro: bits to create an input and output warning that the artefact has been moved, stolen or interfered with. Children will strengthen their understanding of programming and circuits through investigative and focused activities and find a way to conceal the device from the perpetrator.</p>	<p>Curriculum Focus: <b>Early Islamic Civilization</b></p> <p><b>Aspect of D&amp;T:</b> Food <b>Focus:</b> Celebrating Culture and Seasonality</p> <p><b>Project Title:</b> Design, make and evaluate a flavoured bread that celebrates culture, seasonality and creativity.</p> <p><b>Brief:</b> Children will explore how creativity isn't expressed solely through drawing or painting mediums. They will consider how the earliest form of creativity could be considered cooking and the impact this has in many religions and cultures. Using their learning from R.E, children will create breads flavoured in different ways to represent these cultures and religions.</p>