



EYFS	KS1		KS2
Reception	Year 1	Year 2	Year 3
Autumn			
<p>Explore materials to create decorations for Christmas.</p>	<p>Use levers and sliders Create a box model of the gunpowder plot. Focus on the characters movement using leavers and sliders.</p> <p>Purpose: the topic this term is Crackle, Crackle and the children will be learning about Guy Fawkes and the gunpowder plot.</p>	<p>Build a structure Focus on joining and combining to give the structure strength. (this could be with lollipop sticks)</p> <p>Purpose: to create a photo frame to put a portrait of Samuel Pepys in.</p>	<p>Mechanical Posters: Levers and Linkages This unit gives children opportunities to develop their understanding of mechanical systems. Following instructions on how to make different types of lever and linkage mechanisms gives children experience and information to draw on when developing their own ideas. They sketch a design based on their ideas, make a prototype, and then create their 'Lever and Linkage Poster' using the context of recycling. Finally, children will evaluate their finished product</p>
Spring			
<p>Use construction equipment to build structures, exploring their strength.</p>	<p>Cooking and nutrition. Understand where food comes from. Create a picnic basket for a teddy bears picnic. (talk about healthy foods and foods that give us energy)</p> <p>Purpose: The topic this term is Terrific Toys and the children will be learning about Teddy bears.</p>	<p>Cooking and Nutrition. Understand food hygiene. Create a snack for David Attenborough to take on his exploration. (discuss the eat well plate)</p> <p>Purpose: The topic this term is In the Jungle and the children will be learning about explorers.</p>	<p>Let's Go Fly a Kite This unit gives children opportunities to develop their understanding of frame structures and how they can be strengthened and stiffened. Children will discover information about a key event involving a kite that helped shape the world. Children will gain knowledge and understanding about the parts and shapes of kites. This will help them when designing and making their own kites. Finally, children will test and evaluate their kites against design criteria they have created.</p>

Summer

<p>Use cooking equipment to combine ingredients. Talk about kitchen safety.</p>	<p>Build a structure Create a bridge to cross the moat to a castle. Focus on the structure and how to make the bridge strong. Look at folding and rolling paper to give the structure strength.</p> <p>Purpose: The topic this term is Victorious Victorians and the children will be learning about Queen Victoria.</p>	<p>Wheels and axels Make something (for example a car) to show how technology has advanced. Focus on movement.</p> <p>Purpose: the topic this term is Eureka! The children will be learning how technology has changed and advanced.</p>	<p>The Great Bread Bake-off This unit will teach your class about working with food. Children will gain an insight into the history of bread production, then investigate and evaluate existing bread products. They will create design criteria which will be referred to when designing, making and evaluating their own bread product. Children use a range of skills and techniques using simple kitchen tools and measuring equipment, they will learn how to knead dough correctly and the technique of proving bread.</p>
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