

DT: Long Term Overview

	Autumn Term	Spring Term	Summer Term
Reception	<p>Collage</p> <p>To understand the purpose of a pair of scissors and how to use them safely.</p> <p>To combine a range of materials.</p>	<p>Food</p> <p>To understand how to cut, slice and grate safely.</p>	<p>Textiles</p> <p>To understand how to print on paper and fabric.</p> <p>To be able to join fabric and create a print.</p>
Y1	<p>Food and nutrition</p> <p>To understand how to cut, slice and grate safely.</p>	<p>Mechanisms</p> <p>To understand how to use tools and equipment safely to create a moving picture.</p>	<p>Textiles</p> <p>To understand how to join fabrics together.</p>
Y2	<p>Cooking and nutrition</p> <p>To understand what a blender is and how to use it safely.</p>	<p>Structures</p> <p>To understand how to join, fold and roll materials for a structure.</p>	<p>Textiles</p> <p>To understand how to thread a needle.</p> <p>To understand how to use a running stitch to join fabrics.</p>
Y3	<p>Food and nutrition</p> <p>To understand how to knead dough.</p> <p>To understand how to combine ingredients when making a dough.</p>	<p>Mechanisms</p> <p>To understand how to create an event lever and pivot system.</p> <p>To understand what a saw is and use this accurately when measuring products.</p>	<p>Structures</p> <p>To understand how to cut and score using junior hacksaws, craft knives, hand drills and scissors.</p> <p>To understand how to strengthen and stiffen materials using adhesives.</p>
Y4	<p>Mechanisms</p> <p>To understand how to cut and score using junior hacksaws, craft knives, hand drills and scissors.</p> <p>To understand how to strengthen and stiffen materials using adhesives.</p>	<p>Textiles</p> <p>To learn how to use a running and back stitch.</p>	<p>Electronics</p> <p>To understand how to measure, mark, cut and assemble materials for a circuit.</p> <p>To use a switch to control the circuit.</p>
Y5	<p>Mechanisms</p> <p>To learn to cut, nail and saw materials to create movement using a hammer and saw.</p>	<p>Cooking and nutrition</p> <p>To knead and combine ingredients together.</p> <p>To understand how to chop, grate and slice safely.</p>	<p>Structures</p> <p>To measure, cut, file and glue materials using appropriate tools.</p>
Y6	<p>Structures</p> <p>To understand how to use a junior hacksaw, G clamp, bench hooks and hand drills safely.</p> <p>To accurately measure, mark, cut and assemble materials using the tools.</p>	<p>Textiles</p> <p>To thread a needle.</p> <p>To use a running and back stitch using embroidery.</p>	<p>Electronics</p> <p>To use a variety of tools to mark, measure, cut and assemble materials with electrical components.</p>