

DT: Long Term Overview

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