

Design and Technology Long Term Plan

	DT1	DT2	FT1	FT2
Year 5	<p>Key ring Project. Pupils design and make an Acrylic keyring for themselves</p>	<p>Tooth Brush holder Project Pupils build upon their knowledge and skills with acrylic and create a toothbrush holder</p>	<p>Textiles-Hot Pot Holder Pupils design and make a hand stitched hot pot holder. Drawing their design on in fabric pens and using a variety of stitches.</p>	<p>Food-Fairy Cake and Biscuit Project Pupils learn how to work hygienically and safely. Following this they make fairy cakes and biscuits.</p>
Year 6	<p>Controllable Vehicle project. Pupils design and make a remote control vehicle.</p>	<p>Hand game project. Pupils design and make a hand game that is self contained and can be used in a disaster area.</p>	<p>Textiles-Cushion or Christmas Stocking Project Taking their skills from year 5, design and make a cushion or Christmas stocking from felt.</p>	<p>Food-Pasta Project Following guidelines, pupils make fresh pasta, pasta sauce, pasta salad. These are all healthy recipes that pupils can easily reproduce.</p>
Year 7	<p>Mechanical toy project Pupils design and make a mechanical toy using wood to create an amusing toy.</p>	<p>Steady hand Game. Pupils design and make a steady hand game using a simple circuit which includes a buzzer.</p> <p>Mobile phone holder. Pupils learn different ways of joining wood to create a mobile phone holder</p>	<p>Textiles-Draw String Bag Project Pupils design a draw string bag and complete using a variety of printing techniques; tie dye, batik, block, stencilling. Pupils are taught how to use the sewing machine.</p>	<p>Food-Menu for a Day Project Continuing to install a love of cooking and keeping to a healthy theme pupils cook a breakfast, mid morning snack, lunch, afternoon tea and dinner.</p>
Year 8	<p>Picture frame for a client Project. Pupils investigate what the client requires for their product and creates a picture frame that could be batch produced</p>	<p>Computer aided design LED Torch Project. Pupils use CREO Parametric to create a novelty led torch which is then printed using a3D printer.</p>	<p>Textiles-Winter Hat Project Developing their sewing machine skills from year 7, pupils design and make a winter hat from fleece.</p>	<p>Food– Bread Project Pupils make a basic bread dough and then develop this further into a dough for flavoured bread, pizza, pretzels, Ice buns (sweet dough)</p>