

**Design Technology 2018-19 Yearly Overview. Pupils will complete a 9 week project in each technology discipline.**

		<b>Textiles Technology</b>	<b>Food Technology</b>	<b>Resistant Materials</b>
<b>KS2 (1 lesson a week)</b>	<b>Year 5</b>	<b>Design and make a felt triangular toy.</b> Decorate and construct using hand embroidery stitches and embellish with buttons and beads.	<b>Healthy Living</b> Introduction to the kitchen. Health and safety. A balanced diet – use the ‘eat well’ plate. Plan, make and evaluate a sandwich, smoothie, salad and muffins.	<b>Focused practical tasks...</b> Including a wooden racing car, an acrylic key ring and a key rack. Learn how to work safely in the workshop and what tools are used to measure, cut, drill and finish.
	<b>Year 6</b>	<b>Design, make and evaluate a textile cushion.</b> Use a tie dye technique to manipulate fabric. Confident and safe use of the sewing machine. Pass a sewing machine driving test!	<b>Using Fruit as an Ingredient.</b> Work independently and as a team to produce a batch of rock cakes, flapjacks and a crumble.	<b>Structures</b> Team work challenges using materials to create indoor structures. Capability test – using the tools in the work shop to create a precise sample.
<b>KS3 (2 lessons a week)</b>	<b>Year 7</b>	<b>Design, make and evaluate a fleece hat with a decorative feature.</b> Use CAD to create decorative text.	<b>Using Vegetable as an ingredient.</b> Independently prepare and cook a soup, stir-fry and a pie dish. Confidently use the hob. Manage time and keep a tidy workspace.	<b>Design, make and evaluate a desk tidy.</b> Organise your belongings using measuring techniques. Learn about the vacuum former and how it is used in industry.
	<b>Year 8</b>	<b>Textile Bag Project.</b> Research, analyse, design, make and evaluate a textile bag with a decorated applique feature. Pupils have the opportunity to design their own logo and incorporate this into their design and manufacture.	<b>The 3 P’s – Pizza, Pasta and Puddings.</b> Observe, plan and make a pizza, a layered pasta dish and an upside down pudding. Vary the appearance, taste and texture. Work independently to create a family meal, managing time and washing up.	<b>Acrylic Clock.</b> Learn how to manipulate acrylic. Design, construct and evaluate a working, battery powered acrylic clock.