



St Aidan's Design and Technology Overview 2022 -2023

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Sycamore		<p><i>Mechanisms – wheels and axles</i></p> <p><i>Designing, making and testing (with friction) a toy car</i></p>		<p><i>Food</i></p> <p><i>Preparing fruit and vegetables</i></p> <p><i>making fruit kebabs, vegetable pizzas, gingerbread men, bread, etc.</i></p> <p><i>Use the basic principles of a healthy and varied diet to prepare dishes for a healthy lunch</i></p>		<p><i>Textiles</i></p> <p><i>Templates and joining techniques</i></p> <p><i>Make a purse for Grace Darling</i></p>
Poplar		<p><i>Mechanisms – sliders and leavers</i></p> <p><i>Make a spaceman slider</i></p> <p><i>(science link)</i></p>		<p><i>Food</i></p> <p><i>preparing fruit and vegetables</i></p> <p><i>making fruit kebabs, vegetable pizzas, gingerbread men, bread, etc.</i></p> <p><i>Use the basic principles of a healthy and varied diet to prepare dishes for a healthy lunch</i></p>		<p><i>Structures</i></p> <p><i>Freestanding Structures</i></p> <p><i>Design/make a piece of playground equipment</i></p>



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Maple		<p>Mechanical systems Levers and linkages</p> <p>(Design/make machine for building pyramids)</p>		<p>Food Healthy and varied diet Stone age stewed fruit recipe</p>		<p>2D shape to 3D product Proggy mat</p>
Elm		<p>Mechanical Systems Levers and linkages</p> <p>Design and make a machine to help build Mayan temple</p>		<p>Food Healthy and varied diet Pizza inspired by Italy</p>		<p>Structures Shell structures Create a modern prison/cell</p>
Hawthorn		<p>Food Celebrating culture and seasonality</p> <p>To research and make muffins with flavours from Greece</p>		<p>Mechanical systems Pulleys and gears</p> <p>Design a weapon to be used by Anglo Saxons e.g catapult</p>		<p>Electrical systems More complex switches and circuits.</p> <p>Linked to PSHE: Living in the wider world Design a school alarm</p>
Chestnut		<p>Food Celebrating culture and seasonality</p> <p>Islamic inspired cooking</p>		<p>Textiles Combining different fabric shapes.</p> <p>Viking Weaving</p>		<p>Structures Frame Structures</p>



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						<p>Linked to PSHE: Living in the wider world Design a playground shelter</p>
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