

	<u>Autumn</u>		<u>Spring</u>		<u>Summer</u>	
<b>EYFS</b>	Structures - joining materials Project: buildings What structures are in my local community?	Textiles – clay Project: diva lamps What do I use to help me celebrate?	Food technology – Taste Project: Exploring food How does my taste change over time?	Structures – use of tools Project: small world animals What amazing animals live in my world	Structures – properties of materials Project: musical instrument How can I make a musical instrument?	Mechanisms – moving parts Project: transport What different types of transport are there?
<b>Year 1</b>	<b>Structures</b> - Freestanding structures Project: Playground Big Question: How can I build an effective playground ride?		<b>Food Technology</b> - Preparing fruit and vegetables Project: Fruit salad Big Question: How can I create an effective fruit salad snack?		<b>Mechanisms</b> - Sliders and levers Project: Moving fairy tale book Big Question: How can I make book that has moving parts?	
<b>Year 2</b>	<b>Textiles</b> - Templates and joining Project: Hand animal puppet Big Question: How can I create an animal hand puppet?		<b>Mechanisms</b> - Wheels and axles Project: Vehicles Big Question: How can I make a vehicle that moves?		<b>Food Technology</b> – Healthy and varied diet Project: Sandwiches Big Question: How can I create sandwich that has a good flavour combination?	
<b>Year 3</b>	<b>Food Technology</b> – Preparing fruit and vegetables Project: Seasonal soup Big question: How does harvest impact the food on our tables?		<b>Textiles</b> - 2D shape to 3D product Project: Pencil Cases Big Question: How can I make a pencil case?		<b>Mechanical Systems</b> - Levers and linkages and pneumatics Project: Classroom display Big Question: How can I make levers, linkages and pneumatics that create a range of movements?	
<b>Year 4</b>	<b>Structures</b> - Shell structures and shell structures using CAD Project: Urban greenhouses Big Question: How can I build an urban greenhouse?		<b>Food Technology</b> - Healthy and varied diet Project: Burgers Big Question: How can I make a vegan burger?		<b>Electrical Systems</b> - Simple circuits and switches and simple programming and control Project: Doorbell Big Question: How can I build an effective doorbell?	
<b>Year 5</b>	<b>Structures</b> - Frame structures Project: Bridges Big Question: How can I build a bridge that is strong?		<b>Mechanical Systems</b> - Pulleys and gears and cams Project: Fairground rides Big Question: How can I build a fairground ride that moves?		<b>Food Technology</b> - Celebrating seasonality and cultures Project: Seasonal meal Big Question: How do our diets change in the summer?	
<b>Year 6</b>	<b>Electrical Systems</b> - Monitoring and control and more complex switches and circuits Project: Security system Big Question: How can I create an effective security system?		<b>Food Technology</b> - Celebrating seasonality and cultures Project: Cultural food Big Question: How can I create a healthy meal that represents a certain culture?		<b>Textiles</b> - Using CAD in textiles and combining different fabrics and shapes Project: Waistcoats Big Question: How can I create a waistcoat?	