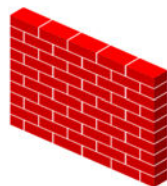


## Design and Technology Curriculum End Points

### Food and Nutrition



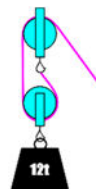
### Construction



### Textiles



### Mechanisms



	Autumn Term	Spring Term	Summer Term
EYFS	<p style="background-color: green;"><b>Construction</b></p> <p><b><u>Stories and Rhymes - Building towers</u></b></p> <p>I can share my ideas. I can develop my ideas and decide which materials to use. I can create closed shapes and use these shapes to create objects.</p>	<p style="background-color: green;"><b>Construction</b></p> <p><b><u>Cold Places –Animal homes</u></b></p> <p>I can share my ideas. I can develop my ideas and decide which materials to use. I can create closed shapes and use these shapes to create objects. I can share my creation and explain how I made it.</p>	<p style="background-color: yellow;"><b>Food and Nutrition</b></p> <p><b><u>Growing - Grow and eat</u></b></p> <p>I can understand how things work. I can use a range of tools safely and carefully. I can share my ideas.</p>
Year 1	<p style="background-color: yellow;"><b>Food and Nutrition</b></p> <p><b><u>Chop Slice and Mash</u></b></p> <p>I can design a healthy sandwich for myself. I can use a range of kitchen tools to help create my sandwich. I can evaluate my sandwich from how it looks and tastes. I can explain ways to make my sandwich better.</p>	<p style="background-color: cyan;"><b>Mechanisms</b></p> <p><b><u>Taxi!</u></b></p> <p>I can design a taxi that is useful and looks good. I can think of ideas and explain them in different ways. I can explore and use wheels and axels in the things I make. I can select the appropriate materials to make my taxi. I can evaluate my product and explain ways I can make it move more effectively.</p>	<p style="background-color: green;"><b>Construction</b></p> <p><b><u>Shade and Shelter</u></b></p> <p>I can design a shelter for others and myself. I can generate a drawing, use templates or a mock up to generate my ideas. I can use a wide range of materials. I can explore to make my shelter stiffer, stronger and more stable. I can evaluate my product and explain ways how I can make it better.</p>
Year 2			

	<p><b>Mechanisms</b> <b>Push and Pull</b></p> <p>I can understand the use sliders and levers. I can generate a drawing, use templates or a mock up to generate my ideas. I can select the appropriate materials to make my moving greeting card. I can evaluate my product and explain ways I can make it better.</p>	<p><b>Constructions</b> <b>Beach Huts</b></p> <p>I can design a beach hut for myself and others. I can generate a drawing, use templates or a mock up to generate my ideas. I can use a wide range of materials and components. I can select the appropriate tools to cut and join. I can explore to make my beach hut stiffer, stronger and more stable. I can evaluate my product, explain ways I can make it better and make changes.</p>	<p><b>Food and Nutrition</b> <b>Remarkable Recipes</b></p> <p>I can understand where different food comes from. I can explore recipes. I can design and make a recipe by thinking about a healthy diet. I can select and use a range of kitchen tools to help create a healthy meal. I can evaluate my recipe from how it looks and tastes. I can explain ways to make my recipe better.</p>
Year 3	<p><b>Food Nutrition</b> <b>Cook Well, Eat Well</b></p> <p>I can understand the principles of a healthy varied diet and identify the main food groups. I can prepare and cook a savoury dish. I can understand that certain foods grow in certain seasons. I can evaluate my product and explain ways I can make it better.</p>	<p><b>Constructions</b> <b>Green house</b></p> <p>I can use research and develop a design for a greenhouse. I can generate ideas through prototypes. I can select construction materials based on the function and quality of the material. I can use tools to cut, join and shape my greenhouse. I can explore to make my greenhouse stiffer, stronger and more stable. I can evaluate my product and explain ways to make it better.</p>	<p><b>Mechanisms</b> <b>Making it Move</b></p> <p>I can evaluate existing cam mechanisms. I can use research and develop a design for an automaton toy. I can explore and use axles, cams and levers. I can use tools safely to cut and join materials. I can evaluate my product and explain ways to make it better.</p>
Year 4	<p><b>Mechanisms</b> <b>Tomb Builders</b></p> <p>I can explore and evaluate existing simple machines. I can design and communicate my ideas through sketches, diagrams and a model.</p>	<p><b>Textiles</b> <b>Functional and Fancy Fabrics</b></p> <p>I can explore a variety of fabrics. I can design and communicate my ideas through patterns. I can select the materials by how useful and attractive they are.</p>	<p><b>Food and Nutrition</b> <b>Fresh Food, Good Food</b></p> <p>I can understand the principles of fresh food and how it supports a healthy diet. I can design a healthy snack. I can prepare and make food using a range of cooking techniques.</p>

	<p>I can explore and use pulleys, levers, axles and wheels.</p> <p>I can use tools safely to cut and join materials.</p> <p>I can make a machine prototype.</p> <p>I can evaluate my product and explain ways to make it better.</p>	<p>I can select tools to cut, shape, join and finish my product.</p> <p>I can evaluate my product and explain ways I can improve the design.</p>	<p>I can evaluate my healthy snack and explain ways to make it better.</p>
Year 5	<p><b>Mechanisms</b> <b><u>Moving Mechanisms</u></b></p> <p>I can understand how pneumatic work and explain its uses.</p> <p>I can design and communicate my ideas through sketches, diagrams and a model.</p> <p>I can make a product that uses pneumatics.</p> <p>I can evaluate my pneumatics product and explain ways to make it better.</p>	<p><b>Food and Nutrition</b> <b><u>Eat the seasons</u></b></p> <p>I know that certain foods grow in certain seasons and how it contributes to a healthy diet.</p> <p>I can design a savoury dish.</p> <p>I can prepare and cook a savoury dish using a range of cooking techniques.</p> <p>I can evaluate my savoury dish and make amendments to make it better.</p>	<p><b>Construction</b> <b><u>Architecture</u></b></p> <p>I can explore historic and modern buildings.</p> <p>I can explore how to make my building stiffer, stronger and more stable.</p> <p>I can develop and communicate my ideas through computer-aided design.</p> <p>I can select a range of materials that will improve the stability of my structure.</p> <p>I can evaluate my product and analyse ways to strength my product.</p>
Year 6	<p><b>Textiles</b> <b><u>Make, Do and Mend</u></b></p> <p>I can investigate and analyse a variety of fabrics.</p> <p>I can select the materials by how useful and attractive they are.</p> <p>I can select tools to cut, shape, join and finish my product.</p> <p>I can evaluate my product and explain ways I can improve the design.</p>	<p><b>Construction</b> <b><u>Engineer</u></b></p> <p>I can explore the construction of current bridges.</p> <p>I can design and communicate my ideas through sketches, diagrams and a model.</p> <p>I can generate ideas through prototypes.</p> <p>I can explore to make my bridge stiffer, stronger and more stable.</p> <p>I can evaluate my product and explain ways to make it better.</p>	<p><b>Food and Nutrition</b> <b><u>Food for Life</u></b></p> <p>I can understand the principles of a healthy varied diet and identify the main food groups.</p> <p>I know where and how a variety of ingredients are grown, reared caught and processed.</p> <p>I can prepare and cook a savoury dish using a range of cooking techniques.</p> <p>I can evaluate my product and make modifications to my recipe.</p>