

Design and Technology 2 Year Rolling Programme

Year A 24/25 & 26/27 Year B 25/26 & 27/28

Year A	Block A	Block B	Block C	Block D	Block E	Block F
Maple Class Foundation Stage	<p>Moving and handling They handle equipment and tools effectively, including pencils for writing.</p> <p>Health and self-care: children know the importance for good health of physical exercise, and a healthy diet, and talk about ways to keep healthy and safe</p> <p>People and communities: children talk about past and present events in their own lives and in the lives of family members. They know that other children don't always enjoy the same things, and are sensitive to this. They know about similarities and differences between themselves and others, and among families, communities and traditions</p> <p>Technology: children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes</p> <p>Exploring and using media and materials: children sing songs, make music and dance, and experiment with ways of changing them. They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. Being imaginative: children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role-play and stories</p>					
Elm Class Year 1 & 2	<p>Core discipline: Mechanisms</p> <p>Key Concept: Sliders and levers</p>	<p>Core discipline: Structures</p> <p>Key Concept: Freestanding Structures</p>	<p>Core discipline: Food & nutrition</p> <p>Key Concept: Preparing fruit and vegetables</p>	<p>Core discipline: Understanding materials</p> <p>Key Concept: Selecting materials CUSP link: Materials (science)</p>	<p>Core discipline: Textile</p> <p>Key Concept: Templates and joining techniques CUSP Link hot and cold places (geog)</p>	<p>Core discipline: Food & nutrition</p> <p>Key Concept: Understanding a recipe</p>
Beech class Year 3 & 4	<p>Core discipline: Textiles</p> <p>Key Concept: Combining materials</p>	<p>Core discipline: Food and nutrition</p> <p>Key Concept: A balanced & varied diet CUSP link: Animals including humans (science)</p>	<p>Core discipline: Mechanisms</p> <p>Key Concept: Levers & linkages CUSP link: forces and magnets (science)</p>	<p>Core discipline: Electrical systems</p> <p>Key Concept: Switches and circuits CUSP Link: Light (science)</p>	<p>Core discipline: Food and nutrition</p> <p>Key Concept: Adapting a recipe</p>	<p>Core discipline: Structures</p> <p>Key Concept: Developing strength in structures</p>
Oak Class Year 5 & 6	<p>Core discipline: Food & nutrition</p> <p>Key Concept: Eating seasonally</p>	<p>Core discipline: Electrical systems</p> <p>Key Concept: Complex switches and circuits</p>	<p>Core discipline: Textiles</p> <p>Key Concept: Making clothes last longer</p>	<p>Core discipline: Mechanisms</p> <p>Key Concept: Pulleys CUSP link : forces (science)</p>	<p>Core discipline: Structures</p> <p>Key Concept: Developing stability in structures</p>	<p>Core discipline: Food & nutrition</p> <p>Key Concept: Celebrating Culture CUSP link: World countries (geography)</p>

Year B	Block A	Block B	Block C	Block D	Block E	Block F
Maple Class Foundation Stage	<p>Moving and handling They handle equipment and tools effectively, including pencils for writing.</p> <p>Health and self-care: children know the importance for good health of physical exercise, and a healthy diet, and talk about ways to keep healthy and safe</p> <p>People and communities: children talk about past and present events in their own lives and in the lives of family members. They know that other children don't always enjoy the same things, and are sensitive to this. They know about similarities and differences between themselves and others, and among families, communities and traditions</p> <p>Technology: children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes</p> <p>Exploring and using media and materials: children sing songs, make music and dance, and experiment with ways of changing them. They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. Being imaginative: children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role-play and stories</p>					
Elm Class Year 1 & 2	<p>Core discipline: Textiles</p> <p>Key Concept: Exploring shape and texture</p>	<p>Core discipline: Food and nutrition</p> <p>Key Concept: Following a recipe CUSP link : Animals including humans (keeping healthy)science</p>	<p>Core discipline: Mechanisms</p> <p>Key Concept: Axles and wheels</p>	<p>Core discipline: Understanding materials</p> <p>Key Concept: Manipulating materials CUSP link: Use of everyday materials science</p>	<p>Core discipline: Food and nutrition</p> <p>Key Concept: Increasing our intake of fruit and vegetables</p>	<p>Core discipline: Structures</p> <p>Key Concept: Freestanding structures with moving parts</p>
Beech class Year 3 & 4	<p>Core discipline: Food & nutrition</p> <p>Key Concept: Food choices</p>	<p>Core discipline: Mechanisms</p> <p>Key Concept: Hinges</p>	<p>Core discipline: Electrical systems</p> <p>Key Concept: Switches and circuits revisited CUSP Link: electricity (science)</p>	<p>Core discipline: Structures</p> <p>Key Concept: Designing structures</p>	<p>Core discipline: Textiles</p> <p>Key Concept: Fixings and fastenings</p>	<p>Core discipline: Food and nutrition</p> <p>Key Concept: Understanding dietary requirements CUSP link : Animals including humans - science</p>
Oak Class Year 5 & 6	<p>Core discipline: Food and nutrition</p> <p>Key Concept: Eating ethically</p>	<p>Core discipline: mechanisms</p> <p>Key Concept: Gears</p>	<p>Core discipline: Food and nutrition</p> <p>Key Concept: Eating on a budget</p>	<p>Core discipline: Structures</p> <p>Key Concept: Designing structures revisited</p>	<p>Core discipline: Electrical systems</p> <p>Key Concept: Complex switches and circuits CUSP link: Electricity (science)</p>	<p>Core discipline: Textiles</p> <p>Key Concept: Sustainable materials</p>

