

Design Technology: Long Term Planning

| Yr Group | Autumn | Spring | Summer |
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| EYFS | Continuous Provision Projects aimed at children's interests throughout the year including engagement in STEM (Construction), Cooking & Nutrition (Food & The Kitchen) and Textiles (Handling Materials) See Individual Topic Plans to view Learning Goals. | | |
| Year 1 | Cooking & Nutrition Chop, Slice, Mash | Mechanics Wheels, Axles & Chassis STEM Rail Engineering project and competition | Textiles Embellished Fabric |
| Year 2a | Structures Strengthened Structures | Mechanics Sliders, Levers & Linkages STEM If I was an Engineer project and competition | Cooking & Nutrition Remarkable Recipes |
| Year 2b | Cooking & Nutrition Remarkable Recipes | Mechanics Sliders, Levers & Linkages | Structures Strengthened Structures |
| Year 3 | Textiles Stitched Puppetry | Cooking & Nutrition Cook Well, Eatwell | Structures Compound Structures |
| Year 4 | Mechanics Move with Cams | Cooking & Nutrition Fresh Food, Good Food | Electronics Inputs & Outputs |
| Year 5 | Cooking & Nutrition Eat the Seasons | Mechanics Simple Machines STEM Rail Engineering project and competition | Structures CAD Buildings |
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Micro:bit Projects: Long Term Planning

| Yr Group | 2022/23 | 2023/24 | 2024/25 | 2025/26 |
|----------|-----------------------------|----------------------------------|----------------------------------|-----------------------------------|
| Year 3 | Computing Input & Output | Computing Input & Output | Computing Input & Output | Computing Input & Output |
| Year 4 | | Design Technology Sensory Toy | Design Technology Sensory Toy | Design Technology Sensory Toy |
| Year 5 | Computing Input & Output | Computing Input & Output | Computing Variables | Computing Variables |
| Year 6 | | Design Technology Sensory Toy | Design Technology Sensory Toy | Design Technology Step Counter |