



DT Long Term Plan

The curriculum is divided up into areas of key skills: 'Resistant Materials' (including Mechanisms/Moving Parts, Structures and Electrical Systems), 'Textiles' and 'Food and Nutrition.' Children will study three of these areas each year, with 'Food and Nutrition' being taught every year, as outlined below. 'Design Processes' and 'Products and Designers' skills will be embedded within each topic.

The KS2 curriculum is taught in a two-year cycle due to mixed-age classes. All DT skills will be taught in each two-year cycle.

| | Communication and Language | Physical Development | Mathematics | Understanding the world | Expressive arts and design |
|---------------------------|---|--|--|---|---|
| EYFS | <ul style="list-style-type: none"> - show confidence and skill on expressing themselves - speak and listen in a range of situations | <ul style="list-style-type: none"> - make healthy choices in relation to food | <ul style="list-style-type: none"> - measure a variety of objects and compare size/weight | <ul style="list-style-type: none"> - explore, observe, interact with and find out about technology | <ul style="list-style-type: none"> - explore and play with wide variety of media and materials - share thoughts, ideas and feelings through design and technology |
| | Autumn | Spring | Summer | | |
| Year 1 | Resistant Materials – Mechanisms (slides/levers) | Resistant Materials – Structure | Food and Nutrition | | |
| Year 2 | Food and Nutrition | Textiles | Resistant Materials – Mechanisms (wheels/axles) | | |
| Class 3 (Year 3/4) | <i>Cycle A</i> Resistant Materials - Mechanisms | <i>Cycle A</i> Food and Nutrition | <i>Cycle A</i> Resistant Materials – Electrical systems | | |
| | <i>Cycle B</i> Textiles | <i>Cycle B</i> Food and Nutrition | <i>Cycle B</i> Resistant Materials - Structure | | |

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|------------------------------|---|---------------------------|---|
| Class 4 (Year 4/5) | <i>Cycle A</i> | <i>Cycle A</i> | <i>Cycle A</i> |
| | Resistant Materials - Mechanisms | Food and Nutrition | Resistant Materials – Electrical systems |
| Class 5 Year 5/6) | <i>Cycle B</i> | <i>Cycle B</i> | <i>Cycle B</i> |
| | Textiles | Food and Nutrition | Resistant Materials - Structure |
| Class 5 Year 5/6) | <i>Cycle A</i> | <i>Cycle A</i> | <i>Cycle A</i> |
| | Resistant Materials - Mechanisms | Food and Nutrition | Resistant Materials – Electrical systems |
| Class 5 Year 5/6) | <i>Cycle B</i> | <i>Cycle B</i> | <i>Cycle B</i> |
| | Textiles | Food and Nutrition | Resistant Materials - Structure |