



## St Breock D&T Long Term Plan 2023

### Key Stage 1

#### Year 1

<b>Structures</b> Freestanding structures	<b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	<b>Mechanisms</b> Sliders and levers
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#### Year 2

<b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	<b>Textiles</b> Templates and joining techniques	<b>Mechanisms</b> Wheels and axles
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### Lower Key Stage 2

#### Year 3

<b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)	<b>Structures</b> Shell structures (including computer-aided design)	<b>Mechanical Systems</b> Levers and linkages
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#### Year 4

<b>Textiles</b> 2D shape to 3D product	<b>Electrical Systems</b> Simple circuits and switches (including programming and control)	<b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)
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### Upper Key Stage 2

#### Year 5

<b>Food</b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)	<b>Structures</b> Frame structures	<b>Textiles</b> Combining different fabric shapes (including computer-aided design)
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#### Year 6

<b>Electrical Systems</b> More complex switches and circuits (including programming, monitoring and control)	<b>Mechanical Systems</b> Pulleys or gears	<b>Food</b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)
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