

# Long-term DT plan 2021-2022

Key Stage 1(\*including cooking and nutrition requirements for KS1)

EYFS - *Speaking *Physical Development *Understanding the World * Expressive Arts and Design.			Optional Summer challenge
<b><u>Mechanisms</u></b> Sliders and levers	<b><u>Structures</u></b> Freestanding structures	<b><u>Food</u></b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	<b><u>Textiles</u></b> Templates and joining techniques
<b><u>Mechanisms</u></b> Wheels and axles	<b><u>Food</u></b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	<b><u>Textiles</u></b> Templates and joining techniques	<b><u>Structures</u></b> Free standing structures

Lower Key Stage 2(\*including cooking and nutrition requirements for KS1)

<b><u>Structures</u></b> Shell structures (including computer-aided design)	<b><u>Food</u></b> Healthy and varied diet (including cooking and nutrition requirements for KS2)	<b><u>Textiles</u></b> 2-D shape to 3-D product
<b><u>Mechanical Systems</u></b> Levers and linkages	<b><u>Electrical Systems</u></b> Simple circuits and switches (including programming and control)	<b><u>Food</u></b> Healthy and varied diet (including cooking and nutrition requirements for KS2)

Upper Key Stage 2(\*including cooking and nutrition requirements for KS1)

<b><u>Structures</u></b> Frame structures	<b><u>Food</u></b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)	<b><u>Electrical Systems</u></b> More complex switches and circuits (including programming, monitoring and control)
<b><u>Textiles</u></b> Combining different fabric shapes (including computer-aided design)	<b><u>Mechanical Systems</u></b> Pulleys or gears	<b><u>Food</u></b> Cooking And Nutrition