**DT plan 2020-2021**

**Key Stage 1**

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| **YR 1** | **Mechanisms**  Levers & Sliders  **2D moving pictures**  **(Literacy)** | **Structures**  Freestanding structures  **Chair**  **(Literacy)** | **Textiles**  Templates and joining techniques    **Animal puppets**  **(Geography/Science)** | **Food**  Preparing fruit and vegetables  **Fruit Kebabs** |
| **YR 2** | **Mechanisms**  Wheels and axles  **3D – Vehicles**  **(History/Geography)** | **Structures**  Freestanding structures  **Playground equipment** | **Textiles**  Templates and joining techniques - running stitch    **Easter gift bag**  **(R.E.)** | **Food**  Preparing fruit and vegetables  **Smoothies** |

**Lower Key Stage 2**

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| **YR 3** | **Mechanical Systems**  Pneumatic Levers  **Moving creature**  **(Geography/ Science)** | **Structures**  Shell Structures    **Mini Greenhouse** | **Textiles**  2-D shape to 3-D product  Running, whip & blanket stitch    **3D Christmas decoration** | **Food**  Healthy and varied diet\*  **Frozen Yoghurt cups** |
| **YR 4** | **Mechanical Systems**  Levers, sliders& linkages  **Pop- up Roman Colosseum**  **(History)** | **Structures**  Shell Structures  **Desk Tidy**  **(Math’s**) | **Electrical Systems**  Simple circuits  Crumble microcontroller  **Light up Robot**  **(Science)** | **Food**  Healthy and varied diet  **Healthy vegetable pizza** |

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| **YR 5** | **Mechanical Systems**  Cams    **Moving Toy**  **CAMS** | | **Structures**  Framed Structures | **Textiles**  Combining different fabric shapes  **Tapestry** | **Food**  Celebrating culture and seasonality  **Seasonal veg - Soups** |
| **YR 6** | **Mechanical/**  Pulleys or gears/  **Water well / Ferris wheel** |  | **Structures**  Framed Structures  **Anderson Shelter**  **History** | **Textiles**  Combining different fabric shapes      **Slippers** | **Food**  Celebrating culture and seasonality    **Tortilla wraps and dips** |

**Upper Key Stage 2**