**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 productRunning, 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**