**Whole School DT Curriculum Overview 2022 – 2023**

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| **Year group** | **Autumn** | **Spring** | **Summer** |
| EYFS | **Textiles** Hats – properties of hats  Joining and fixing textiles  Make a hat | **Mechanical Systems** - Toys – making mixed and moving joints  Finding out about mechanisms  • Hinges  • Slider  • Simple levers  Make a toy, e.g. kite, doll, swing | **Mechanisms** - Let's look at vehicles  How do wheels work?  Make a vehicle |
| 1 | **Mechanisms** - Sliders and Levers  Greetings Cards using sliders and levers | **Food** – Preparing fruit and vegetables  Fruit salad | **Structures** - Play making |
| 2 | **Mechanisms** – wheels and axels | **Textiles** – Templates and joining techniques – range of materials | **Structures** – freestanding structures |
| 3 | **Mechanical systems** – levers and linkages  Pop up Cards | **Food** - healthy and varied diet  Making a healthy sandwich | Stand-alone DT Day: Electrical Systems – simple programming and control (fairground ride)  **Shell structures** **using computer aided design**  Make a food product packaging |
| 4 | **Mechanical systems** – pneumatics | **2D shape to 3D product** (pencil case)  Electrical systems – simple circuits and switches (not a discrete unit – link with Science) | **Structures** – shell structures |