**Design Technology- Breadth of Study Map**

***‘Still other seed fell on good soil, where it produced a crop- a hundred, sixty or thirty times what was sown.’***

***(Matthew 13 Verse 8)***

**Updated: April 2024**

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|  | **Autumn** | **Spring** | **Summer** |
| **Year 1&2**  **Cycle (2023-2024)** | **Food**  **(Prep Veg.)** | **Textiles**  **(Templates & Joining)** | **Mechanisms**  **(Wheels & Axles)** |
| **Year 1&2**  **Cycle (2024-2025)** | **Food**  **(Prep Fruit)** | **Mechanisms**  **(Sliders & Levers)** | **Structures**  **(Free Standing)** |

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|  | **Autumn** | **Spring** | **Summer** |
| **Year 3&4**  **Cycle (2023-2024)** | **Food**  **(Healthy & varied diet)** | **Electrical Systems**  **(Circuits & Switches) OR (Program & Control)** | **Structures**  **(Shell including CAD)** |
| **Year 3&4**  **Cycle (2024-2025)** | **Mechanical Systems (Levers & Linkages) OR (Pneumatics)** | **Textiles (2D-3D)** | **Food (Healthy & varied diet)** |

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|  | **Autumn** | **Spring** | **Summer** |
| **Year 5&6**  **Cycle (2023-2024)** | **Food (Celebrating Seasonality)** | **Textiles (Combining Different Fabric Shapes including CAD)** | **Structures (Frames)** |
| **Year 5&6**  **Cycle (2024-2025)** | **Mechanical Systems (Pulleys & Gears) OR (CAMS)** | **Electrical Systems (Complex Switches & Circuits) OR (Monitoring & Control)** | **Food (Celebrating Culture)** |