Design and Technology Long Term Plan 2023- 24)

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| **Design and Technology**  **Long Term Plan 2023/24**  West Vale Academy Logo | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Reception/ Year one** | **Cooking & Nutrition**  Smoothie (Y1)  (Differentiate cutting skills with different fruits e.g banana, strawberry for R, Mango, Pineapple for Y1) | **Mechanisms**  Sliding Santa Chimneys (R Project)  Y1 to be extended by creating design and side slider. | **Textiles**  Puppets (Y1)  Bookmarks ( R) | **Mechanisms**  Wheels and Axels  (Larger holes/ wheels for R) | **Mechanisms**  Making a moving story book. | **Structures**  Windmills (Y1)  Boats (R) |
| **Year Two/ Three** | **Cooking & Nutrition**  Eating Seasonal (Y3) | **Electrical Systems**  Electric Poster (Y3) | **Textiles**  Cross stitch and applique (Y3) | **Mechanical Systems**  Pneumatic Toys (Y3) | **Digital World**  Electronic charm (Y3) | **Structures**  Constructing Castles (Y3) |
| **Year Four/ Five** | **Cooking & Nutrition**  Adapting a recipe (Y4) | **Electronical Systems**  Torches (Y4) | **Textiles**  Fastenings (Y4) | **Mechanical Systems**  Slingshot Car (Y4) | **Digital World**  Mindful moments timer (Y4) | **Structures**  Pavillions (Y4) |
| **Year Five/ Six** | **Cooking & Nutrition**  **Come dine with me (Y6)** | **Electronical Systems**  Doodlers (Y5) | **Textiles**  Stuffed toys (Y5) | **Mechanical Systems**  Pop up Books (Y5) | **Digital World**  Monitoring Devices (Y5) | **Structures**  Bridges (Y5) |