

Design and Technology Long Term Plan – Hindley Junior and Infant School

Long Term Plan

<u>Year Group</u>	<u>Autumn Term</u>	<u>Spring Term</u>	<u>Summer Term</u>
1	<u>Mechanisms</u> Sliders and Levers	<u>Structures</u> Freestanding Structures	<u>Food</u> Preparing Fruit and Vegetables <i>Fruit Kebabs</i>
2	<u>Food</u> Preparing Fruit and Vegetables <i>Savoury Pizzas with cheese.</i> <i>Homemade coleslaw.</i>	<u>Mechanisms</u> Wheels and Axles	<u>Textiles</u> Templates and Joining Techniques
3	<u>Mechanical Systems</u> Pneumatics	<u>Food (mini topic)</u> Healthy and Varied Diet <i>Cold sandwiches /wraps/pittas</i>	<u>Textiles</u> 2-D Shape to 3-D Product
4	<u>Mechanical Systems</u> Levers and Linkages	<u>Food</u> Healthy and Varied Diet <i>Warm wraps/ ciabatta /panini</i>	<u>Structures</u> Shell Structures using CAD
5	<u>Mechanical Systems</u> Levers and Linkages	<u>Food</u> Healthy and Varied Diet <i>Warm wraps/ ciabatta /panini</i>	<u>Electrical Systems</u> Simple Circuits & Switches
6	<u>Mechanical Systems</u> Pneumatics	<u>Food (mini topic)</u> Healthy and Varied Diet <i>Cold sandwiches /wraps/pittas</i>	<u>Textiles</u> 2-D Shape to 3-D Product
7	<u>Mechanical Systems</u> Levers and Linkages	<u>Food</u> Healthy and Varied Diet <i>Warm wraps/ ciabatta /panini</i>	<u>Electrical Systems</u> Simple Circuits & Switches
8	<u>Structures</u> Frame Structures	<u>Textiles</u> Combining Different Fabric Shapes and using CAD in Textiles	<u>Mechanical Systems</u> Cams
9	<u>Mechanical Systems</u> Pulleys and Gears	<u>Electrical Systems</u>	<u>Food (mini topic)</u> Celebrating Culture and Seasonality <i>Baking – sweet and savoury goods</i>
10	<u>Mechanical Systems</u> Pulleys and Gears	<u>Electrical Systems</u>	<u>Food</u> Celebrating Culture and Seasonality <i>Baking bread from scratch (Vegan option)</i>