

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

Long Term Plan 24-25

Year Group	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
1		<u>Mechanisms</u> Sliders and Levers <i>.e.g. Making Greetings Cards</i>		<u>Structures</u> Freestanding Structures <i>e.g. Cages for Wild Animals</i>		<u>Food</u> Preparing Fruit and Vegetables <i>e.g. Smiley face fruits</i>
2	<u>Food</u> Preparing Fruit and Vegetables <i>e.g. Savoury Pizzas</i>		<u>Mechanisms</u> Wheels and Axles <i>e.g. Vehicles</i>		<u>Textiles</u> Templates and Joining Techniques <i>e.g. Hand Puppets</i>	
3		<u>Mechanical Systems</u> Pneumatics <i>e.g. Moving Monster Toys</i>		<u>Textiles</u> 2D shape to 3D Product <i>e.g. Bendy Bags</i>		<u>Structures</u> Shell Structures using CAD <i>e.g. Biscuit packaging</i>
		<u>Food (mini topic)</u> Healthy and varied diet <i>e.g. Sandwich snack</i>				
4	<u>Mechanical Systems</u> Levers and Linkages <i>e.g. Moving Posters</i>		<u>Food</u> Healthy and Varied Diet <i>e.g. Hot Sandwich snack</i>		<u>Electrical Systems</u> Simple Circuits & Switches <i>e.g. Torches</i>	
5		<u>Structures</u> Frame Structures <i>e.g. Bird Hides</i>		<u>Textiles</u> Combining Different Fabric Shapes using CAD <i>e.g. Keyrings</i>		<u>Mechanical Systems</u> Cams <i>e.g. Moving Toys</i>
		<u>Food (mini topic)</u> Celebrating Culture and Seasonality <i>e.g. scones / soup</i>				
6	<u>Mechanical Systems</u> Pulleys and Gears <i>e.g. Fairground Rides</i>		<u>Electrical Systems</u> <i>e.g. Mobile Phone Holders</i>		<u>Food</u> Celebrating Culture and Seasonality <i>e.g. Brilliant Bread!</i>	

The text in Italics represent an example of the topic for each unit of Design Technology. These topics are subject to change based on cohort needs and suitability.