



# Lovers' Lane Primary and Nursery School



## Design and Technology Long Term Plan

Year Group	Autumn Term 1	Autumn Term 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>EYFS</b>	Children will explore different techniques for joining materials and creating models.	Children will use different textures and materials to make houses for the three little pigs.	Children will select the tools and techniques to assemble materials e.g. creating bug hotels .	Children will explore ways to protect the growing of plants.	Children will design and make objects with a purpose in mind. Thinking about form and function.	Children will design and make objects with a purpose in mind. Thinking about form and function.
<b>Year 1</b>	Cooking and nutrition (Preparing fruit and vegetables)		Structures (Freestanding structures)/Construction - Textiles		Mechanisms (Sliders and Levers) - Moving pictures	
<b>Year 2</b>	Cooking and Nutrition (Preparing Fruit and Vegetables)		Mechanisms (Wheels and Axles)		Textiles (Templates and joining techniques) - Puppets	
<b>Year 3</b>	Textiles (2d to 3d products) - Stone age Jewelry		Structures (Frame structures) - Easter Photo Frame		Cooking and Nutrition(Healthy and Varied Diet) – Roman Tiger Nut Sweets	
<b>Year 4</b>	Mechanical Systems (Linkages and Levers) – Making a Shaduff		Cooking and nutrition (Healthy and Varied Diet)- Designing and Making Bread		Electrical Systems (Simple switches and circuits) – Making a lamp  Designs Studied – Anglepoise lamps	
<b>Year 5</b>	Structures (Frame Structures) - Making a Mayan temple using stiff and flexible sheet materials.		Textiles (Combining different fabric shapes) - Embroidered Pictures		Cooking and nutrition (Celebrating culture and seasonality) Pope Lady Cakes	
<b>Year 6</b>	Cooking and Nutrition (Celebrating culture and nutrition – A seasonal pudding		Mechanical Systems (Pulleys and Gears) - Making a Toy		Electrical Systems (More complex switches and circuits)	

Show Respect, Work Together, Aspire, Nurture