St. Mary's C.P. School – Long Term Design and Technology Planner

	Autumn	Spring	Summer	
Nursery	**Structures and Mechanisms** - Transport Junk Models Continuous Provision – Construction Area A plethora of activities from continuous provision and following child led interests			**Cooking and Nutrition** - Chinese New Year
Reception	**Structures and Mechanisms** – Space Junk Model & Kites Continuous Provision - Construction area A plethora of activities from continuous provision and following child led interests			**Cooking and Nutrition** - Christmas Dinner, Chapatti Making, Alphabet of Fruits, Jam Sandwiches
Year 1	**Structures:** Making a Windmill	**Mechanisms:** Wheels and Axels	**Textiles:** Puppets	**Cooking & Nutrition:** Fruit and Vegetables
Year 2	**Textiles:** Pouches	**Mechanisms:** Moving Monsters	**Structures:** Baby Bear's Chair	**Cooking & Nutrition:** A balanced diet
Year 3	**Textiles:** Cushions	**Mechanical Systems:** Pneumatic Toys	**Digital World:** Electronic Charm / Wearable technology	**Cooking and Nutrition:** Eating Seasonally
Year 4	**Textiles:** Fastenings	**Structures:** Pavilions	**Electrical Systems:** Torches	**Cooking and Nutrition:** Adapting a Recipe
Year 5	**Mechanical Systems:** Pop Up Book	**Structures:** Bridges	**Mechanical Systems:** Gears, Pulleys (Own Unit)	**Cooking and Nutrition:** What Could Be Healthier?
Year 6	**Electrical systems:** Steady hand game	**Mechanical Systems:** Automata Toys	**Digital World:** Navigating the World	**Cooking and Nutrition:** Come Dine With Me