



St. Luke's CE Primary School



Design and Technology Long Term Plan 2023 - 2024

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Creswell (FS2)	Expressive Arts – Food and nutrition – Harvest soup	Expressive Arts – Pop-up's and puppets based on storybook characters	Expressive Arts – Dinosaur peg puppets – moving mechanisms	Expressive Arts – Food and Nutrition – pancake making – Box modelling rockets	Expressive Arts – Baking and Bird feeders	Expressive Arts – Materials and Structures – Animal masks
Elmton (Y1)		Materials and Structures – 3D Christmas decorations	Textiles – Inspirational people – Sonia Delaunay – Material collages	Mechanisms – Moving pictures – African scene – Pop- up's – Levers and slides		Food and Nutrition – Fruit salad – Looking at where our fruit comes from – Local growers
Rufford (Y2)		Food and Nutrition – Christmas Traditions – Gingerbread Healthy eating		Mechanisms – Moving animals – levers and slides	Textiles – Orla Kiely collage using materials – Repeating patterns and shapes	Materials and Structures – Designing and creating famous landmarks
Clumber (Y3)		Textiles – Fabric Rainforest animal – Joining materials	Materials and Structures – Creating coliseums	Food and Nutrition – Mexican food cooking	Mechanisms – Moving Egyptians – Levers and Linkages – Creating movement	Electrical systems – Creating a simple circuit

Thoresby (Y4)		Food and Nutrition – Healthy eating – Balanced diet – Fruit smoothies	Electrical systems – Components in a circuit	Textiles – Rainforest plants, flowers and trees – Using templates, Joining fabrics together	Materials and Structures – Ancient civilisation – Creating a famous landmark	Mechanisms – Levers, linkages and pneumatics – Amazon animals
Sherwood (Y5)		Materials and Structures – 3D contouring mountain structures using a range of materials	Mechanisms – Cams, gears and pulleys – Chariots – Trojan Horse	Food and Nutrition – bread making – Adapting ingredients, textures, appearances and flavours – Savoury and sweet	Electrical systems – Circuits incorporating switches	Textiles – Textiles and patterns from around the world – recreating traditional techniques - Macrame
Welbeck (Y6)		Textiles – Strengthening and joining materials – Making prototypes - 3D designs using a range of fabrics	Food and Nutrition – Adapting recipes, seasonality of foods, food processing, Cooking a savoury dish	Materials and Structures – Cardboard structures based on Henry Moore designs	Mechanisms – WW2 machinery, vehicles and aircrafts – Hydraulics, pneumatics, cams, pulleys and gears	Electrical Systems – Thomas Edison – Circuits into designs and products