

## Long Term plan

	Autumn	Spring	Summer
Year 1	Food – Preparing fruit	Mechanisms – Wheels and axles	Textiles – Templates and joining
Year 2	Mechanisms – Sliders and Levers	Structures – Free Standing Structures	Food – preparing vegetables
Year 3	Mechanisms – Pneumatics	Electrical Systems – Simple programming and control	Structures – Shell Structures
Year 4	Electrical Systems – Simple circuits and switches	Textiles – 2d shape to 3d product	Food – Healthy and varied diet
Year 5	Food – celebrating seasonality	Structures – Frame structures	Mechanisms - Cams
Year 6	Textiles – combining different fabric	Electrical systems – monitoring and control (Crumble)	Food – Celebrating culture