

Court Lane Junior Academy DT Curriculum Long Term Map 2024-2025

Structures Mechanical Electrical Food Textiles

Year	Aut 1	Aut 2	Spring 1	Spring 2	Summer 1	Summer 2
3		Textiles – 2D to 3D		Structures - nets	Food – healthy and varied diet	Year 3 to year 4 transition – levers and linkages
		Christmas Stocking		Pizza Box/lunch box	Pizza	All about me pop up
4		*Electrical Systems - Simple circuits and systems Shell structures - CAD		*Mechanical Systems - Pneumatics		Electrical systems- simple programming and control
		Torch		Toy		LED name sign light using crumble
5		Food – seasonality and culture		Mechanical Systems – Cams		Structures – frame structures Electrical Systems – monitoring and control
		Bread		Toy for year 3		Playground equipment
6		*Mechanical Systems – Pulleys or Gears		Electrical Systems – Complex switches and circuits		Textiles – Using CAD in textiles Combining different fabric shapes
		Toy		Intruder Alarm		Bags