

Design Technology

Year 1

Mechanisms - sliders and leavers

Structures - Free standing structures

Food - Preparing fruit and vegetables

Year 2

Mechanisms - Wheels and axels

Textiles - Templates and joining techniques

Food - Preparing fruit and vegetables

Year 3

Mechanical structures - Pneumatics

Electrical systems - Simple circuits and switches

Food - Healthy and varied diet

Year 4

Structures - Shell structure using CAD (computer aided design)

Electrical systems - Simple programming and control

Textiles - 2D shapes to 3D product

Year 5

Mechanical systems - Cams

Textiles - Combining different fabric shapes

Food - Celebrating culture and seasonality

Year 6

Textiles - Using CAD

Electrical Systems - Monitoring and control

Structures - Frame Structures

Textiles - 2,4,6

Food - 1,2,3,5

Mechanisms (structures/systems) 1,2,4,5

Structures 1,3,6

Electrical systems 3,4,6