

Design Technology- Breadth of Study Map

'Still other seed fell on good soil, where it produced a crop- a hundred, sixty or thirty times what was sown.'

(Matthew 13 Verse 8)

Maple Class (Year 1 & Year 2)			
	Autumn	Spring	Summer
Cycle A 2026-2027	Mechanisms (Sliders & Leavers)	Food (Prep Fruit)	Structures (Free Standing)
Cycle B 2027-2028	Textiles (Templates & Joining)	Food (Prep Veg)	Mechanisms (Wheels & Axles)

Sycamore Class (Year 3 & Year 4)			
	Autumn	Spring	Summer
Cycle A 2026-2027	Mechanical Systems (Levers & Linkages) OR (Pneumatics)	Textiles (2D-3D)	Food (Healthy & varied diet)
Cycle B 2027-2028	Electrical Systems (Circuits & Switches) OR (Program & Control)	Structures (Shell including CAD)	Food (Healthy & varied diet)

Oak Class (Year 5 & Year 6)			
	Autumn	Spring	Summer
Cycle A 2026-2027	Food (Celebrating Culture)	Mechanical Systems (Pulleys & Gears) OR (CAMS)	Electrical Systems (Complex Switches & Circuits) OR (Monitoring & Control)
Cycle B 2027-2028	Food (Celebrating Seasonality)	Textiles (Combining Different Fabric Shapes including CAD)	Structures (Frames)