

Design Technology Breadth of Study Map

- Updated July 2022 (Taking in to consideration COVID and structure of classes to ensure every child receives their full curriculum entitlement and can build on previous skills and knowledge developed).
- DT is taught across the whole school the week before half-term.

	Autumn	Spring	Summer
CYCLE (2022/2023) (YEAR 1 & 2)	Mechanisms (Sliders & Levers)	Structures (Free Standing)	Food (Prep Fruit)
CYCLE (2023/2024) (YEAR 1 & 2)	Mechanisms (Wheels & Axles)	Textiles (Templates & Joining)	Food (Prep Veg.)

	Autumn	Spring	Summer
CYCLE (2022/2023) (YEAR 3 & 4)	Mechanical Systems (Levers & Linkages) OR (Pneumatics)	Textiles (2D-3D)	Food (Healthy & varied diet)
CYCLE (2023/2024) (YEAR 3 & 4)	Structures (Shell including CAD)	Food (Healthy & varied diet)	Electrical Systems (Circuits & Switches) OR (Program & Control)

	Autumn	Spring	Summer
CYCLE (2022/2023) (YEAR 5 & 6)	Mechanical Systems (Pulleys & Gears) OR (CAMS)	Electrical Systems (Complex Switches & Circuits) OR (Monitoring & Control)	Food (Celebrating Culture)
CYCLE (2023/2024) (YEAR 5 & 6)	Structures (Frames)	Textiles (Combining Different Fabric Shapes including CAD)	Food (Celebrating Seasonality)