

Curriculum Intent and Breadth Map - DT



Design Technology Intent - As designers, the children will develop their knowledge and skills in the areas of **mastering practical skills such as food, textiles and mechanics, designing, making, evaluating and improving** as well as taking inspiration from design throughout history.

		Autumn	Spring	Summer
Key Stage 1	Year 1/2 (Cycle A)	POAP: Sliders and levers Focus: Moving pictures greetings card/class storybook (Mechanisms)	POAP: Wheels and axles Focus: Moving vehicles (Mechanisms)	POAP: Preparing fruit and vegetables Focus: Fantastic Fruit (Cooking & Nutrition)
	Year 1/2 (Cycle B)	POAP: Structures Focus: Freestanding structures (structures)	POAP: Templates and joining Focus: Glove puppets (Textiles)	POAP: Preparing fruit and vegetables Focus: Vegetable salad/kebab (Cooking & Nutrition)
Lower Key Stage 2	Year 3/4 (Cycle A)	POAP: Shell structure using CAD <i>Light touch – Shell structures</i> Focus: Packaging (Structure)	POAP: Healthy and varied diet Focus: Healthy snacks (wraps/sandwich/toasties) (Cooking & Nutrition)	POAP: Pneumatics Focus: Moving Creatures (Mechanical systems)
	Year 3/4 (Cycle B)	Yr5/6POAP: Celebrating culture & seasonality Focus: Soup (Cooking & Nutrition)	POAP: Levers and linkages Focus: Card/poster (Mechanical system)	POAP: 2D shape to 3D product Focus: Apron (Textiles)
Upper Key Stage 2	Year 5/6 (Cycle A)	POAP: Frame structures Focus: Small scale bird hide (Structure)	Y3/4POAP: Simple programming & control <i>Light touch - Simple circuits with switches</i> (Electrical Systems)	POAP: Monitoring and control Focus: alarming vehicles (Electrical Systems)
	Year 5/6 (Cycle B)	POAP: Celebrating culture and seasonality Focus: Bread (Cooking & Nutrition)	POAP: Using CAD in textiles Focus: Designer bags (Textiles)	POAP: CAMS or Pulleys or gears Focus: Mechanisms with a message (Mechanical systems)