

Curriculum Map – Design & Technology



Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery/Reception	Child-led learning plays a large part in the Early Years curriculum because supporting children in following and exploring their own interests means greater depth of knowledge and understanding and higher levels of well-being and involvement. Across Nursery and Reception, children freely access the foundations of design and technology as they find out about how things work. Whether exploring playdough, sand, or cardboard or constructing with blocks, Duplo, bricks, Lego or woodwork, they are developing their understanding of how different materials can be used and which tools work best. With adult support, children learn how to plan for their idea, to select the right resources, to follow a sequence of actions and to reflect on and modify their design.					
Year 1		Mechanisms - Sliders and levers		Structures - Freestanding structures	Food - preparing fruit and vegetables	
Year 2		Mechanisms - Wheels and axles		Textiles - templates and joining		Food - preparing fruit and vegetables
Year 3	Food - Healthy and varied diet		Structures - shell structures (packaging)		Textiles - 2D shape to 3D product	
Year 4		Food - Healthy and varied diet		Mechanical systems - levers and linkages	Electrical systems - simple circuits and switches	
Year 5		Textiles - combining different fabric shapes		Electrical systems - more complex switches and circuits		Food - celebrating culture and seasonality
Year 6	Structures - frame structures		Mechanical systems - pulleys and gears		Food - celebrating culture and seasonality	

Equality



Responsibility



Enjoyment



Aspiration



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