

Vaughan Primary School
Design Curriculum Overview 2020-2021

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	MECHANISMS - Sliders and levers Moving Pictures Traditional Tales (Billy Goats Gruff)		STRUCTURES - freestanding		FOOD -Fruit and vegetables Fruit Kebabs	
Year 2	TEXTILES – templates and joining techniques Christmas decorations		MECHANISMS –Wheels and Axis Vehicles		FOOD – fruit and vegetables Dips and Dippers	
Year 3	TEXTILES- 2D shapes to 3D products Juggling Balls		MECHANISMS- pneumatics (air project)		FOOD -healthy and varied diet Edible Garden	
Year 4	ELECTRICAL SYSTEMS- circuits and switches Light It Up		STRUCTURE- shell structures using computer aided design Musical Instruments		FOOD -healthy and varied diet The Great Bread Bake Off	
Year 5	STRUCTURES- <u>Frame</u> Let's Go Fly a Kite (YR 3module to adapt)		ELECTRICAL SYSTEMS- monitoring and control Programming Adventures (make an adventure map with different materials- links to science topic)		FOOD – seasonal/cultural Super Seasonal Cooking)	
Year 6	TEXTILES- computer aided design + combining different fabric shapes Felt Phone Cases		MECHANICAL- using cams Automata Animals		FOOD – seasonal/cultural Global Food (Chinese, Mexican, German) links with wagamama trip	

Please note:

- Red- topic - same as current overview
- Purple- twinkle resource units which link with POAP scheme