

Wath CofE Primary School Design Technology Assessment

Year 6

Themes: wheels. Chassis and axis, food technology, textiles, cam mechanisms, pneumatics, sliders, levers, pivots and wheels, structures.

Areas of Learning	Expected outcomes:	Key vocab	Pupil notes: W or G
Design	<ul style="list-style-type: none"> • Use detailed research and understanding to develop an intricate design. • Design a range of product solutions to solve a problem, which are appealing, fit for purpose and fully functional. • Develop design techniques e.g. draw a cross-sectional, annotated diagram of the product. • Use a computer-aided design or link to STEM learning. 	Design, research, purpose, function, audience, appealing, sketch, label, annotate, cross-section, computer-aided, STEM, mathematics.	
Make	<ul style="list-style-type: none"> • Follow the design and make an informed choice about the resources to use to match the purpose of the product. • Manipulate materials and tools accurately to perform practical tasks. 	Material, tools, cut, stick, attach, join, colour, finish, product, shape, build, design, component, textile, manipulate, resources, choice.	
Evaluate	<ul style="list-style-type: none"> • Investigate and critically analyse existing products and the effect they have. • Evaluate own products as well as each other's and suggest improvements. 	Evaluate, design, if would be better if..., improve, suggest, peer assess, analyse.	
Cooking and nutrition	<p>understand and apply the principles of a healthy and varied diet</p> <p>prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques</p> <p>understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed</p>		
Overall pupil assessment			
Pupil working below age-related expectations			Pupils working above age-related expectations

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