

Subject: Design and Technology

Theme: Playground shelter (UKS2)

Knowledge	Skills	Vocabulary (Top 20)
<ul style="list-style-type: none"> • Know the purpose of their product and indicate the design features of their products that will appeal to intended users. • Understand how to strengthen, stiffen and reinforce 3-D frameworks. • Know and use technical vocabulary relevant to the project. • Know about inventors, designers engineers, chefs and manufacturers who have developed ground breaking products. • Know how the use learning from science and maths to help design and make products that work. 	<ul style="list-style-type: none"> • Develop a simple design specification to guide their thinking. • Generate innovative ideas. Drawing on research. • Select and explain their choices of tools and equipment in relation to the skills and techniques they will be using. • Measure, mark up, cut, shape, assemble, join, combine and use finishing techniques with accuracy. • Identify the strengths and areas for development in their ideas and products. • Critically evaluate the quality of the design and fitness for purpose of their product. • Formulate step-by-step plans as a guide to making. • Demonstrate resourcefulness when tackling practical problems. 	<p>join materials purpose research shape stiffen user annotated sketch design brief frame structure functional innovation permanent reinforce strengthen temporary design specification prototype stability triangulation</p>



Love



Friendship



Compassion



Community



Trust



Forgiveness

*"Let all that you do be done in love." 1 COR 16:24
Do all the good you can.... John Wesley*



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