

Year 6 Design Technology



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		How can I					
		measure, mark, cut, shape and					
		join materials					
		securely?					
What are the features of successful products that combine shapes (consider functionality/user /purpose/compo nents)?	Which designers have influenced fabrics and products significantly?	What do I notice when I disassemble products? How have products been strengthened and stiffened? How have parts been joined? What fastenings are used and why?	What research can I carry out in order to create a design specification for my product? What knowledge and skills do I need to be able to design and make a good quality product?	How can I use annotated sketches/diagram s from different perspectives and CAD to share my plans and ideas? How can I use paper to create a 3D mock-up of the design I want to produce? How can I refine my design using CAD to develop patterns and design prints?	What techniques have I demonstrated to ensure that I have created a well finished product that matches the intended user and purpose (joining sides, tacking, starting and finishing stitches, fastening)? What changes do I need to make if the product is not fulfilling my design specification?	How will I test the success of my product? Does my product meet the needs of the user? Is it appealing and does it fulfil its purpose? Is it innovative?	Textiles - Design, make and evaluate a purposeful product using joined fabric shapes. Develop stitches to include more than one type for joining and embellishment and include a means of fastening eg Velcro, ties and buttons.
What is meant by	What are the key	How do I	How can we make	How can I show a	Can I select the	Does my product	Food - Design, make and
culture?	ingredients	measure out,	a design brief and	clear plan for the	utensils and	meet the design	evaluate a food product
	needed to make a	cut, shape and	design	steps,	equipment		which celebrates



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How do particular products take into consideration personal/cultural preferences, a healthy diet and meet dietary needs? Do particular products use locally sourced,	particular product? Where and how have they been produced? Include the work of a renowned chef who promotes culture.	combine ingredients? <i>e.g.</i> <i>knead, beat, rub</i> <i>and mix</i> <i>ingredients.</i> How can I follow a recipe effectively and safely, including the use of a heat source?	specification for the purpose and user that celebrates culture? How can I show a range of innovative ideas that celebrate culture and that will meet the design specification, including	ingredients, utensils and equipment needed?	correctly and measure and prepare the ingredients to make my product?	brief and design specification? How can I include the views of others? Is there anything I might do differently next time?	culture. Demonstrate knowledge of how to use utensils (including heat sources) to prepare and cook food. Understand about the source of different food products. e.g. pasties, scones
products use	chef who	safely, including the use of a heat	the design specification,				

Vocabulary
mechanical system, electrical system, pulley, drive belt, gear, rotation, spindle, driver, follower, ratio, transmit, motor circuit, switch, circuit
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