

Key Stage 3 - Year 8		Curriculum Checkpoints: What do students know and what can they do?			
Design Technology		Establishing	Securing	Flourishing	Excelling
Design	Attempt to render their design using a range of drawing techniques well	Attempt rendering techniques to make their design look realistic, using a range of drawing techniques	Rendering techniques to make their design look realistic, most drawn accurately, using a range of drawing techniques	Rendering techniques to make their design look realistic, drawn accurately using a range of drawing techniques	
	Annotate ideas in using key vocabulary and use full sentences, producing a range of designs	Annotate ideas using technical vocabulary and can make links to the brief and specifications, producing a full range of designs	Annotate ideas using technical vocabulary and can make links to the brief and specifications, producing a full range of good quality designs	Annotate ideas using technical vocabulary written well, and can make links to the brief and specifications, producing a full range of good quality designs	
	Use skills/techniques to communicate ideas showing limited creativity.	Use a competent level of skill/techniques to communicate ideas	Use a high level of skill/techniques to communicate ideas showing some creative designs.	Use a high level of skill/techniques to clearly communicate ideas showing creative designs.	
Make	Use tools and equipment to mark and cut out detailed shapes accurately.	Select tools and equipment to mark and cut out complex shapes with some curves and angles	Use a range of tools and equipment to mark and cut out complex shapes with some curves and angles	Use a range of tools and equipment to mark and cut out challenging shapes with curves or angles	
	Select appropriate tools and equipment with some accuracy to make a good product	Select appropriate tools and equipment and use with precision to make a quality product	Select appropriate tools and equipment with some accuracy to make a good product independently.	Select appropriate tools and equipment and use with precision to make a high quality product independently	
	Demonstrate material joining and finishing techniques to a product with some accuracy	Demonstrate material joining and finishing techniques to a product with accuracy	Demonstrate material joining and finishing techniques to a product with good accuracy	Demonstrate material joining and finishing techniques to a product with high accuracy	
	Produce a functioning practical outcome with accuracy and good quality of finish	Produce a complete, functioning practical outcome with accuracy and high quality of finished	Produce a functioning and skilfully made practical outcome with accuracy and good quality of finish	Produce a complete, functioning practical outcome with accuracy and high quality of finished	
	Choose and use tools/equipment with some independence	Choose and use tools/equipment with independence and some degree of dexterity throughout practical work.	Choose and use tools/equipment with some independence, dexterity and knowledge of correct sequencing during practical work.	Choose and use tools/equipment with independence and a high degree of dexterity and mastery throughout practical work.	
Evaluate	Use other people's opinions after testing to evaluate their product	Test their product and list how it could be further improved using other people's opinions	Test their product and suggest how it could be further improved using a range of other people's opinions	Test their product and suggest in detail how it could be further improved using a range of other people's opinions	
	Students can compare the properties of materials used in their product	Students can analyse the suitability of different materials used in their product.	Students can analyse the suitability of different materials used in their product and suggest an alternative.	Students can analyse the suitability of different materials used in their product and suggest alternatives with reasons.	
Technical Knowledge	Classify a range of materials and give at least two specific examples of each.	Judge a wide range of materials and give at least three specific examples of each.	Students can evaluate the properties of materials used in their product	Students can analyse the suitability of different materials used in their product.	
	Classify some basic materials and give at least one example of each.	Classify some basic materials and give at least one specific example of each.	Classify a range of materials and give at least two specific examples of each.	Classify a wide range of materials and give at least three specific examples of each.	
	Understand some technical vocabulary and begin to explain the meanings in their written work.	Understand a range of technical vocabulary and explain the meanings in their written work	Understand a wide range of technical vocabulary and use it regularly in their written work	Understand a range of technical vocabulary and can use them consistently in their written work.	