



# Design and Technology Key Stage 3 Assessment Grid

	Year 7		Year 8		Year 9	
Foundation G-E	Analysis	Understand the problem with help and guidance Create a simple specification with help	Analysis:	Understand the problem with help and guidance Create a simple specification with help	Analysis:	Understand the main aspects of the problem Create a simple specification Demonstrate some understanding of the form and function of products with guidance Recognise some of their when designing
	Designing	Generate simple ideas with help Use some knowledge and understanding, with help, when designing Use basic communication techniques with help	Designing	Generate simple ideas Use some knowledge and understanding, with help, when designing Use basic communication techniques	Designing	Generate ideas independently using research and a specification Use knowledge and understanding to help designing Use a variety of basic communication techniques
	Making	Use a simple plan for making with some help Make practical work of a basic quality and finish with help Use a some tools and processes with help	Making	Use a simple plan for making with some help Make practical work of an acceptable quality and finish with help Use a limited range tools and processes with some help	Making	Produce a plan for making Make practical work of an acceptable standard with guidance Use range of tools with some precision and control Work effectively with different materials and techniques
	Evaluating	Evaluate an aspect of the work, with guidance Change some aspects of the work as it progresses, with help	Evaluating	Evaluate an aspect of the work, with guidance Change some aspects of the work as it progresses with some help.	Evaluating	Evaluate most aspects of the work, with guidance Change most aspects of the work as it progresses, with guidance
Intermedi- ate C-D	Analysis	Understand the problem with some help and guidance Create a simple specification with help	Analysis	Understand the main aspects of the problem Use the criteria to formulate simple specification with guidance Demonstrate some understanding of the form and function of products Recognise their needs in designing with guidance	Analysis	Understand the problem independently Use the criteria to formulate simple specification Demonstrate some understanding of the form and function of products Recognise their needs in designing
	Designing	Generate simple ideas Use some knowledge and understanding when designing, with guidance Use basic communication techniques			Designing	Generate ideas independently using research and a specification Use knowledge and understanding to help designing Use a variety of communication techniques and skills
	Making	Use a simple plan for making with some help Make practical work of an acceptable quality and finish with help Use a some tools and processes	Making	Produce a plan for making with guidance Produce practical work to a good standard Use range of tools with some precision and control Work effectively with some different materials and techniques	Making	Produce a plan for making Produce practical work of an accurate standard Use range of tools with some precision and control Work effectively with range of materials and techniques
	Evaluating	Evaluate an aspect of the work, with guidance Change some aspects of the work as it progresses, with guidance	Evaluating	Evaluate all aspects of the work, with guidance Change most aspects of the work as it progresses, with guidance	Evaluating	Evaluate all aspects of the work Change all aspects of the work as necessary
Higher B	Analysis	Understand the main aspects of the problem Use the criteria to formulate simple specification Demonstrate limited understanding of the form and function of products Recognise some of their needs in designing	Analysis	Understand the main aspects of the problem independently Use the criteria to formulate a specification Demonstrate some understanding of the form and function of products Recognise their needs in designing	Analysis:	Use a wide range of research to understand the problem with guidance Use criteria to formulate a specification and justify some of the points Demonstrate an understanding of the form and function of a range of products Recognise their needs and the needs of others in designing.
	Designing	Generate ideas using a specification Use knowledge and understanding to help designing Use a variety of communication techniques	Designing	Generate ideas independently using research and a specification Use knowledge and understanding to help designing Use a variety of communication techniques and skills	Designing:	Generate a range of ideas that reflect their research and specification Demonstrate their knowledge and understanding of materials and processes when designing Use a wide variety of communication techniques and skills
	Making	Produce a plan for making Produce practical work to a good standard Use a range of tools with some precision and control Work effectively with some materials and techniques	Making	Produce a plan for making Produce practical work to a good standard Use range of tools with some precision and control Work effectively with a range of different materials and techniques	Making	Develop their own accurate plans for making Produce practical work accurately to a good standard Use a wide range of tools with some precision, control and confidence Work with skill to select appropriate materials and techniques
	Evaluating	Evaluate most aspects of the work, with guidance Change some aspects of the work as it progresses	Evaluating	Evaluate all aspects of the work, independently Change most aspects of the work as it progresses	Evaluating	Evaluate all aspects of the work, identifying some modifications Independently identify ways of improving their work Show an understanding of quality, social and moral issues when modifying their work

	Year 7		Year 8		Year 9	
Advanced A-A*	Analysis	Understand the main aspects of the problem independently Use the criteria to formulate a specification Demonstrate an understanding of the form and function of products Recognise their needs in designing	Analysis	Use a wide range of research to analyse the problem Use criteria to formulate a specification and justify some of the points Recognise their needs and the needs of others in designing. Demonstrate a good understanding of the form and function of a range of products	Analysis	Use a wide range of research to fully analysis the problem. Use the criteria to produce a detailed fully justified specification. Understand the form and function of the materials and components and then take them unto account Recognise their needs and the needs of others when designing
	Designing	Generate ideas independently using research and a specification Use knowledge and understanding to help designing Use a variety of communication techniques and skills	Designing	Generate a range of ideas that reflect their research and specification Demonstrate their knowledge and understanding of materials and processes when designing Use a wide range of communication techniques and skills	Designing	Demonstrate creative and imaginative designs which clearly reflect their re- search and the specification Demonstrate a detailed and creative understanding of materials and function when designing Communicate detailed ideas appropriately Demonstrate clearly their understanding of the impact of their designs on the wider community.
	Making	Produce an accurate plan for making Produce practical work to a high standard Use a range of tools with precision and control Work effectively with materials and techniques	Making	Develop accurate plans for making, including an understanding of the need for change Produce practical work to a consistently high standard. Use a wide range of tools with precision, control and confidence Work with skill to select appropriate materials and techniques	Making	Produce accurate plans that show iterative (reflective) designing Produce practical work of a very high standard. Use a wide range of appropriate tools with confidence and skill Work independently to select the most appropriate materials and techniques
	Evaluating	Evaluate all aspects of the work, with some independence Change most aspects of the work as it progresses	Evaluating	Evaluate all aspects of the work, identifying some modifications Change all aspects of their work as it progresses. Show an understanding of quality, social and moral issues when modifying their work	Evaluating	Evaluate all aspects of the work and show all appropriate modifications Show a detailed understanding of quality, social and moral issues when designing their work. Change all aspects of their work and suggest modifications.