



DESIGN TECHNOLOGY & TECHNICAL DRAWING

	EMERGING		DEVELOPING		SECURE		REFINING
Research	I can research using given resources with support. I can identify a link in the research to the project.	I can conduct research using resources with some support. I can make links from the research to the project.	I can carry out research using limited resources independently. I can examine research relevant to the project and identify useful and relevant information. I can discuss how research links to the project.	I can independently carry out research using one or two research methods with some evidence of either primary and secondary research. I can analyse research carried out and select some relevant information. I can explain how research links to the project.	I can independently carry out research using two research methods with evidence of primary and secondary research. I can analyse research carried out and be selective of relevant information. I can clearly explain how research links to the project.	I can independently carry out research using two or more research methods with evidence of primary and secondary research. I can analyse research carried out and confidently select relevant information. I can make strong connections between the research and the project.	I can independently and confidently carry out research using two or more research methods with evidence of primary and secondary research. I can analyse research carried out and confidently and concisely while selecting relevant information. I can make strong connections between the research and the project with justification.
Design	I can create drawings/design ideas with basic 2D/3D drawing skills. I can generate ideas/drawings with support from instructions given. I can show basic application of graphic skills.	I can create satisfactory drawings/design ideas by using 2D/3D drawing skills. I can generate ideas/drawings with some support from instructions given. I can show evidence of technical graphic skills.	I can demonstrate some creativity through a range of drawings/designs and developments. I can present drawings well with good application of graphic skills. I can create drawings in 2D by hand or by use of ICT software.	I can demonstrate a good level of creativity through a range of drawings/design and developments. I can present all drawings to a good standard with good demonstration of graphic skills. I can create drawings using 2D or 3D drawing methods including where relevant, ICT software.	I can demonstrate excellent creativity through a range of drawings/designs and developments. I can present my ideas to a high standard with excellent application of graphic skills. I can consistently apply 2D and 3D methods to drawings, including the use of ICT software.	I can demonstrate outstanding creativity through a range of drawings/designs and developments. I can present ideas to a high standard with outstanding application of graphic skills. I can confidently apply 2D and 3D methods to my drawings, including the use of ICT software.	I can demonstrate exceptional creativity and problem solving through a range of drawings/designs and developments. I can present ideas to a high standard with outstanding application of graphic skills. I can confidently and independently apply 2D and 3D methods to my drawings, including competent use of ICT software.
Make	I can create an outcome with some support. I can select materials, tools and equipment with guidance. I can produce a completed or partially completed outcome of basic standard.	I can create an outcome somewhat independently. I can select materials, tools and equipment with minimal guidance. I can produce a completed or partially completed outcome of satisfactory standard.	I can create an outcome independently with some application of problem solving skills. I can choose appropriate materials, tools and equipment independently. I can produce a completed or partially completed outcome to a good standard.	I can create an outcome independently with great application of problem solving skills. I can confidently choose appropriate materials, tools and equipment independently. I can produce an accurate completed outcome of a great standard.	I can independently create an excellent outcome with effective application of problem solving skills. I can confidently choose appropriate materials, tools and equipment independently and justify why. I can produce an accurate completed outcome of a excellent standard.	I can independently create an outstanding outcome with effective and somewhat successful application of problem solving skills. I can confidently choose appropriate materials, tools and equipment independently, justify why and successfully apply them to produce a precise and high quality outcome.	I can create an exceptional outcome independently with effective and successful application of problem solving skills. I can select appropriate materials, tools and equipment independently while justifying my choices and successfully apply them to produce a precise and high quality outcome.
Evaluation	I can evaluate with basic, unexplained opinions for strengths and weaknesses. I can give at least one suggestion for improvements. I can use little technical language both verbally or in written work.	I can evaluate with some explanation of opinions given for strengths and weaknesses to a satisfactory standard. I can suggest some possible improvements to final outcome. I can apply technical language both verbally and in written work.	I can carry out evaluations of existing products and/or your finished outcome to include strengths, weaknesses and improvements. I can apply technical language to support comments and opinions made and to show some understanding of subject content both verbally and in written work.	I can carry out evaluations of existing products and/or your finished outcome to include strengths, weaknesses and improvements with little support. I can demonstrate application of technical language to support comments and opinions made and to show understanding of subject content both verbally and in my written work.	I can independently carry out evaluations of existing products and/or your finished outcome including strengths, weaknesses and improvements with evidence of testing. I can effectively apply technical language to support comments and opinions made and to show understanding of subject content both verbally or in my written work.	I can independently and confidently, carry out formal evaluations of existing products and/or your finished outcome including testing, strengths, weaknesses and improvements. I can effectively apply sophisticated technical language to support comments and opinions made and to show understanding of subject content both verbally and in written work.	I can independently and confidently, carry out formal evaluations of existing products and/or your finished outcome including testing, strengths, weaknesses and improvements. I can apply and record sophisticated technical language to support comments and opinions made and to show understanding of subject content concisely in both verbally and in written work.