

		Tracking Progress in Year 7 Graphic Products		
		Expected Progress	Good progress	Excellent Progress
S e c u r i n g	S2	<u>Technical Knowledge</u> I can create an accurate fully functional net development. I understand how materials with different properties can be used to meet different needs. I understand how different structures can be made by combining a number of different elements.	<u>Technical Knowledge</u> I can create an accurate and complex net development that meets most of the specified requirements I understand how and why different materials can be combined to create materials with differing properties. I can create a variety of structures using a variety of elements.	<u>Technical Knowledge</u> I can create an accurate and complex net development that meets all the specified requirements I understand how and why different materials can be combined to create materials with differing properties for different purposes. I can create a variety of structures using a wide variety of elements.
	S1	<u>Designing</u> I can use Publisher / 2D design and Paint to model my design ideas I can use CAM to cut a complex design idea <u>Practical skills</u> I can use a range of different skills to make my product neatly I can use CAD/CAM to make a high quality product I can join 2 materials accurately	<u>Designing</u> I can use Google Sketchup to model my design ideas I can use CAM to cut and engrave a complex design idea <u>Practical skills</u> I can use a wide range of hand and machine skills to make my product neatly I can use CAD/CAM to make a batch of high quality products I can join different materials using slots and tabs	<u>Designing</u> I can use Google Sketchup accurately to model my design ideas I can use CAM to cut and engrave a highly complex design idea <u>Practical skills</u> I can use a wide range of hand and machine skills to make my product accurately I can use CAD/CAM to make a batch of high quality and complex products I can accurately join different materials using slots and tabs
D e v e l o p i n g	D2	<u>Technical Knowledge</u> I can create a net development. I understand that different materials have different properties. I understand how simple structures can be made from a net development.	<u>Technical Knowledge</u> I can create an accurate fully functional net development. I understand how materials with different properties can be used to meet different needs. I understand how different structures can be made by combining a number of different elements.	<u>Technical Knowledge</u> I can create an accurate and complex net development that meets the specified requirements I understand how and why different materials can be combined to create materials with differing properties. I can create a variety of structures using a variety of elements.
	D1	<u>Designing</u> I can use Publisher to model my design ideas I can use CAM to cut a simple design idea <u>Practical skills</u> I can use different techniques to make my product I can use CAD/CAM to make a product I can join 2 materials	<u>Designing</u> I can use Publisher / 2D design and Paint to model my design ideas I can use CAM to cut a complex design idea <u>Practical skills</u> I can use a range of different skills to make my product neatly I can use CAD/CAM to make a high quality product I can join 2 materials accurately	<u>Designing</u> I can use Google Sketchup to model my design ideas I can use CAM to cut and engrave a complex design idea <u>Practical skills</u> I can use a wide range of hand and machine skills to make my product accurately I can use CAD/CAM to make a batch of high quality products I can accurately join different materials using slots and tabs
E m e r g i n g	E2	<u>Technical Knowledge</u> Use Maths to make products that work Understand the properties of materials Understand structural elements	<u>Technical Knowledge</u> I can create a net development. I understand that different materials have different properties. I understand how simple structures can be made from a net development.	<u>Technical Knowledge</u> I can create an accurate fully functional net development. I understand how materials with different properties can be used to meet different needs. I understand how different structures can be made by combining a number of different elements.
	E1	<u>Designing</u> Use CAD to model ideas Use CAM to make models <u>Practical skills</u> Use a range of manufacturing techniques Use CAD/CAM to make products Use different joining techniques	<u>Designing</u> I can use Publisher to model my design ideas I can use CAM to cut a simple design idea <u>Practical skills</u> I can use different techniques to make my product I can use CAD/CAM to make a product I can join 2 materials	<u>Designing</u> I can use Publisher / 2D design and Paint to model my design ideas I can use CAM to cut a complex design idea <u>Practical skills</u> I can use a range of different skills to make my product neatly I can use CAD/CAM to make a high quality product I can join 2 materials accurately

