

Y9 Progress Ladder – Design and Technology

Pathway A	Pathway B	Pathway C	Pathway D	Investigating & Planning	Making	Evaluating	Communicating
1. Exceeding expected progress	1. Exceeding expected progress	1. Exceeding expected progress	1. Exceeding expected progress	<p>I have independently conducted a range of appropriate secondary and primary research to help my design/task thinking</p> <p>I have used my understanding of other designers/practitioners work to develop innovative ideas</p> <p>My specification points are focused, detailed, linked closely to the research findings and include costing and time constraints</p> <p>I recognise how products contribute to lifestyle and choices of a variety of client groups</p> <p>I have developed and modelled a range of innovative and creative ideas and presented them in a distinctive and professional way</p>	<p>I have worked with tools, equipment, materials and components to a high degree of precision</p> <p>I have made products that are reliable and robust and that fully meet the quality requirements given in the design proposal</p>	<p>I have evaluated my work critically and effectively throughout the whole designing and making process</p> <p>I have reflected on my practical work during the manufacturing process and adapted my working methods/use of materials/techniques where issues were identified</p>	<p>I have shown excellent use of technical language in the annotation of my folio work.</p> <p>I have written an in-depth evaluation using structured sentences and technical language with a focus on correct spelling, punctuation and grammar.</p> <p>I have included the comments of others and suggestions for personal improvements.</p> <p>I have presented folio work to an exceptionally high standard with all elements complete</p> <p>My test scores average above 90%</p>
				<p>I have independently identified and found a range of information</p> <p>I have looked at and analysed the work of other designers/practitioners</p> <p>I have re-interpreted the ideas of other designers/practitioners and developed them into my own</p> <p>I have fully explained each of my specification points</p> <p>I have produced a wide range of varied ideas/propsals with some creativity</p> <p>I have made design/practical decisions based on my knowledge of materials and components</p> <p>I have produced an efficient plan for manufacture that includes health and safety references</p>	<p>I have selected tools and equipment independently and correctly</p> <p>I have worked safely and efficiently to make my product</p> <p>I have made a product of very high quality</p>	<p>I have evaluated my product taking into account environmental, ethical, social and cultural issues</p> <p>I have experimented with changes to the design to enable commercial manufacture</p>	<p>I have shown very good use of technical language in the annotation of my folio work</p> <p>I have written an evaluation of the project using full sentences including technical terrms with a focus on correct spelling, punctuation and grammar</p> <p>I have presented folio work to a high standard with all elements complete.</p> <p>My test scores average above 80%</p>

2. Making expected progress				<p>I have analysed existing products for form, function and production processes</p> <p>I have used my understanding of other designers/practitioners work to inspire my own ideas/proposals</p> <p>I have used my analysis of research to produce a detailed specification</p> <p>I have produced a range of appropriate ideas/proposals with some imagination</p> <p>I have used drawing and/or modelling to develop my designs/proposals</p> <p>I have included timings within my manufacturing plan</p>	<p>I have confidently selected the correct tools, equipment and components</p> <p>I have checked and left my work area in a clean and safe condition for the next user</p> <p>I have made a product that is good enough to sell in a shop</p>	<p>I have fully explained my design/proposal and how it meets the specification/ requirements of the task</p> <p>I have selected different methods of evaluating how my product will perform when used and suggested changes to my product as a result of this</p> <p>I have stated what improvements could be made if I were to make the product again</p>	<p>I have shown good use of technical language in the annotation of my folio work</p> <p>I have written an evaluation of the project using full sentences and some technical language with a focus on spelling, punctuation and grammar.</p> <p>I have presented my folio work to a very good standard with most all elements complete.</p> <p>My test scores average above 70%</p>
3. Below expected progress	2. Making expected progress			<p>I have researched using different methods</p> <p>I have looked at existing products and analysed how they work</p> <p>I have recognised good work from other designers and modified my ideas</p> <p>I have produced a detailed design specification by analysing my research</p> <p>I have generated a range of ideas/proposals</p> <p>I have made models and/or drawings to test and improve my designs/proposals</p> <p>I have included quality checking procedures in my flow chart</p>	<p>I have selected the correct tools to prepare and make my product</p> <p>I have conducted myself appropriately and maintained a safe working environment</p> <p>I have finished my product to a high standard</p>	<p>I have tested my models against the design specification</p> <p>I have suggested modification(s) to my design/proposals</p> <p>I have recorded, with reasons, changes that I have made to my design</p>	<p>I have shown some use of technical language in the annotation of my folio work</p> <p>I have written an evaluation of the project using sentences and some technical language but there may be a few errors in my spelling, punctuation and grammar</p> <p>I have presented my folio work to a good standard with most elements complete.</p> <p>My test scores average above 60%</p>
4. Cause for concern	3. Below expected progress	2. Making expected progress		<p>I have produced some appropriate research</p> <p>I have looked at existing products</p> <p>I have understood and used others' ideas to develop my work</p> <p>I have produced a design specification using my research</p> <p>I have presented several ideas</p> <p>I have made simple models and/or drawings to improve my initial idea</p> <p>I have made a flow chart with at least one element of feedback</p>	<p>I have used tools accurately to prepare and make my product</p> <p>I have considered the safety of others in my immediate surroundings</p> <p>I have made a product that is finished to a good standard</p>	<p>I have written an evaluation at the end of the project</p> <p>I have evaluated my product against the specification</p> <p>I have modified and changed my work as necessary throughout manufacture</p>	<p>I have shown limited use of technical language in the annotation of my folio work</p> <p>I have written an evaluation of the project using simple sentences and some technical language but there may be a several errors in my spelling, punctuation and grammar</p> <p>I have presented my folio work but some elements may be incomplete or missing.</p> <p>My test scores average above 50%</p>

	4.Cause for concern	3.Below expected progress	2. Making expected progress	<p>I have produced some simple research</p> <p>I have used ideas from other designers/practitioners to help me with my work</p> <p>I have used my research to produce a basic design specification</p> <p>I have presented some simple ideas</p> <p>I have labelled sketches and made notes</p> <p>I have selected one idea and given reasons for the choice</p> <p>I have produced a step by step plan to make my design</p>	<p>I have used the correct tools to make my product</p> <p>I have chosen suitable tools, techniques and materials, and explained why I chose them</p> <p>I have dressed and worked in a way that ensures my personal safety</p> <p>I have made a product that does what I planned it to do</p>	<p>I have tested some aspects of my final product</p> <p>I can identify what worked well and what needed improving</p>	<p>I have annotated some of my folio work and used a couple of technical terms</p> <p>I have written a simple evaluation of the project but there may be a several errors in my spelling, punctuation and grammar</p> <p>I have presented some of my folio work but some elements may be missing.</p> <p>My test scores average above 40%</p>
		4.Cause for concern	3.Below expected progress	<p>I have generated ideas/stated aims and recognise that my proposals/aims have to meet a range of different needs</p> <p>I have made realistic plans for achieving my aims</p> <p>I have clear ideas/aims when asked and use words/labelled sketches/ models to share the details of my designs</p>	<p>I have used tools and equipment with some accuracy to cut and shape materials and to put together components</p>	<p>I can identify what worked well and what needed improving</p>	<p>I have annotated some of my folio work</p> <p>I have tried to write a simple evaluation of my outcome</p> <p>I have presented some of my folio work</p> <p>My test scores average above 30%</p>
	4.Cause for concern	4.Cause for concern	<p>I have thought of ideas and planned what to do next based on my experience of working with materials and components</p> <p>I have used sketches/models/words to describe my designs/proposals</p>	<p>I have used tools and assembled, joined and combined materials and components in different ways</p>	<p>I have recognised what I have done well whilst making and suggested things that I could do better</p>	<p>I have presented some folio pages</p> <p>I have annotated some of my work</p> <p>I have tried to evaluate my final outcome</p>	