Technology Progression Pathways

Pupil Progression	Designing	Making
	• I can find pictures to use for research • I can draw one design idea. • I can suggest ways I could improve my design. • I can use colour to improve my work	• I can, with help, choose and use tools and equipment. • I can, with help, make a product which has limited accuracy and works. • I can answer questions on how to improve my design. • I can work safely
	• I can find multiple images which are relevant to my task • I can draw one idea related to the design brief. • With help I can identify a good or bad point about my design. • I can use TVA specific skills to develop my work	• I have a product which is mostly finished and uses one or more skills. • I can use tools and equipment with supervision. • I can produce a product which has some accuracy in parts. • With some help I can talk about what was hard with the project.
	• I can design and develop ideas using my research as inspiration • I can add labels to my work to explain my choices and understanding. • I can independently identify good and bad points about the design. • I can make suggestions on what I could do to improve the quality of my work.	• I can identity one quality check for my practical work. • I can use tools and equipment correctly and safely some of the time. • I have a product that is completed and uses one or more skills. • I can identify I a way of making my work look/work better.
	• I can produce analysis of my work that is descriptive and draws helpful conclusions. • I can come up with a number of ideas with reference to my research/specification. • I can use simple information found to add detail to my idea e.g. sample sizes ,materials etc. • I can develop my ideas using simple mock-ups/models	• I can identify at least two quality checks for my practical work. • I can work independently at times during my practical work • I have produced a product which is mainly finished and uses two or more skills. • I can say/document where my product is does/does not fit my specification.
	• I can produce critical analysis that takes into account self and peer evaluation. • My ideas show some technical understanding of materials, components, processors etc. which is drawn from my research and analysis. • I can draw inspiration for creativity from existing product's research. • I can produce an appropriate working model to show some of my design ideas.	• I can independently use tools correctly and safely. • I have produced a product which has a good level of demand in some parts. • I can identify the need quality checks in my work and document them. • I can evaluate my product success using the specification and comment on areas for improvement.
	• My research/analysis/evaluation takes into account social/moral/cultural differences where appropriate. • My design work is of a high standard and directly connects to my brief and specification. • I have looked at existing designs/Designers and drawn inspiration from these examples. • I have analysed my working models and made improvements based on peer and self evaluation	• I can work independently during my practical work. • I have produced a demanding product which has a good level of making which shows a range of skills. • I can apply quality checks during the making of my product. • I can test my product in situation and suggest and record the main changes I would make to improve the outcome product
	• I have considered the 'fitness for purpose' of my ideas when deciding which ideas to take forward for development. • My research and analysis includes specific work on form and function, and is clearly evident in my design work • I can produce a variety of 2D and 3D creative ideas/models influenced by my research into other designers • My research and analysis identifies areas that conflict, and I resolve the problems in a creative way.	• I can select and use a range of tools and equipment accurately, skilfully and safely. • I have produced a well finished product which is rigorous and demanding in its range of skills. • I can apply quality checks throughout the making process to ensure that a quality product is produce. • I have evaluated my final product in use and gained user feedback.
	• My decision-making is based on sound knowledge gained from my research- in particular physical properties and working characteristics. • All primary, secondary and tertiary users are fully catered for in my design.	• I can work very independently throughout the practical work. • I can produce a product which has a very high level of accuracy in its making and finishing.