

Design and Technology: Year 7 Curriculum

Students will know and remember...	Health and safety (rule of law), ppe, workshop expectations Graphical communication - the power of symbols Branding and identify - use of colour and shape to convey meaning Designing for a target audience Design function Design brief Design specification Iterative designing (SCAMPER) Electricity and electrical safety Basic electrical components - resistors/LEDs Units of measurement Sources and classifications of materials Properties of materials Environmental impact Finishes for materials
So that they can...	Analyse and evaluate their work and the work of others Carry out perspective drawing and iterative sketching Render effectively Solder electrical components Measure and mark out in mm Use hand tools - long nose pliers, side cutters, files, sandpaper, wet n dry paper, Use the pillar drill Use the belt sander Apply finishes to wood