

DT Key Vocabulary for Summer Term Overviews

Subject: Design Technology		Year Group: 7	
Key Learning Points/End Points	Key Vocabulary		
<p>Rotation A – Product Design Design and manufacture an analogue clock.</p> <ul style="list-style-type: none"> • Design brief analysis and meeting a client’s needs. • Research skills. • Material properties. • Drawing skills and techniques. • Developing ideas. • CAD/CAM – using 2D Design and the laser cutter. • Health & safety. • Practical assembly skills using adhesives. 	Design Brief	Refine	Analogue
	Analysis	Graphics	Rebate
	Client	Gradient	Fixing
	Research	Inspiration	Mount
	Material	Presentation	Sealant
	Properties	Innovative	Net
	Durable	Development	Adhesive
	Tactile	Consideration	Engrave
	Hard wearing	CAD/CAM	Tabs
	Grain	Measurement	Detailed
	Veneer	Precise	Requirement
	Acrylic	Millimetre	
	Man-made	Assembly	
	MDF	Mechanism	
<p>Rotation B – Traditional Woodwork Manufacture a lego inspired box.</p> <ul style="list-style-type: none"> • Design brief analysis and meeting a client’s needs. • Research skills. • Material properties. • Health & safety in the workshop. • Marking out and measuring skills. • Introduction to workshop tools and equipment. • Dowel joints and permanent fixings • Finishing skills. 	Design Brief	Millimetres	Scroll Saw
	Material	Right Angle	PPE
	Renewable	Tenon Saw	Pillar Drill
	Durability	Rebate Joint	Dowel Joint
	Brittle	Adhesive	Laser Cutter
	Hardwood	Pine	Finish
	Softwood	MDF	Abrasives
	Man-made	Panel Pin	Filler
	Existing Solutions	Hammer	Drill Bit
	Precision	Perimeter	Primer

DT Key Vocabulary for Summer Term Overviews

Subject: Design Technology		Year Group: 8		
Key Learning Points/End Points	Key Vocabulary			
<p>Rotation A – Product Design / Graphics Design and manufacture a snakes and ladders inspired board game.</p> <p>Rotation B – Traditional Woodwork & Electronics Soldering and manufacture of a mono speaker.</p>	Graphics	Branding	Score	
	Vector	Presentation	Backing	
	Bitmap	Slogan	Durable	
	Client	Packaging	Continuity	
	Functionality	Colour swatch	Target market	
	Manufacture	Innovative	Transparency	
	Net	Bespoke	Inspiration	
	Layers	Palette	Theme	
	Acoustics	Side Cutters	Grille	
	Electronics	Strippers	CADCAM	
	PCB	Battery	Pilot hole	
	Resistor	Circuit	Countersink	
Capacitor	Finger joint	Screw		
Dry joint	Coping saw	Soldering Iron		
Short circuit	Tenon Saw	Strain Relief		
Solder	Coping saw			

Subject: 3D Design (via OCR Art & Design)				Year Group: 9	
Key Learning Points/End Points	Key Vocabulary				
<p>Term 3 - Graphics focus Point of sale unit.</p>	Graphics	Branding	Score	Manufacture	Palette
	Vector	Presentation	Backing	Flat pack	Transparency
	Bitmap	Slogan	Durable	Layers	Inspiration
	Client	Point of sale	Continuity	Innovative	Theme
	Functionality	Colour swatch	Target market	Bespoke	Wrap
	Stability	Exploration	Promotion	Limited edition	Support

DT Key Vocabulary for Summer Term Overviews

Subject: 3D Design (via OCR Art & Design)					Year Group: 10
Key Learning Points/End Points	Key Vocabulary				
Term 3 (Final NEA Portfolio – 60% of GCSE) 'Seasonal Products'	Seasonal	Context	Exploration	Analysis	Summarise
	Reflect	Bespoke	Versatile	Gradient	Texture
	Render	Isometric	Oblique	Justification	Reflective
	Mindful	Development	CAD	Enhanced	Contribute
	Trail of thought	Narrative	Annotation	Production	Manufacture
	Modelling	Prototyping	Three-dimensional forms	CAM	Corrugation