

Personalised Knowledge Checklist

Year 7	Product Design	Analogue Clock (DT)
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I can:	R	A	G
Explain the difference between an analogue clock and a digital clock.			
Explain what a design brief is and understand how to analyse it.			
Explain what a target audience is and design for a client's needs.			
Investigate and annotate existing product solutions and materials.			
Can create a selection of drawn design ideas which fit the design brief and a specific target audience.			
Can pencil shade confidently using the gradient fill technique.			
Can annotate work appropriately detailing development ideas.			
Can use 2D Design confidently to create work ready for output on the laser cutter.			
Can explain what CAD/CAM stands for and the benefits of this technology.			
Knows what a blue line and a black line will do on the laser cutter (engrave and cut).			
Can evaluate work well throughout the design process and evaluate the finished product against the design brief and target audience factors.			

Key Vocabulary for this project
Analogue, Design Brief, Analyse, Target audience, Client, Gradient fill, Development, 2D Design, CAD/CAM, Manufacture, Engrave, Etch, Evaluate, Refine, Application

Assessment Result	Mark:	%
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