

GCSE PRODUCT DESIGN: PERSONALISED LEARNING CHECKLIST

	Red	Amber	Green	Revised Tick <input checked="" type="checkbox"/>
Area of Study: Timber Based Materials				
Understand and explain the differences between hardwoods, softwoods and manufactured boards				
Be able to name and recognise different hardwoods understanding their properties and uses				
Be able to name and recognise different softwoods understanding their properties and uses				
Be able to name and recognise different manufactured boards understanding their properties and uses				
Understand and recall the processes for converting wood from its raw form into a workable material				
Understand and recall the stock forms for timber and how it is purchased				
Know various finishes that can be used when working with wood				
Understand the benefits of using standard components and pre-manufactured parts.				
To be confident using timber and produce an accurate outcome which demonstrates accuracy. You should be able to recall the names of tools, equipment and processes used in the manufacture of your passive speaker.				
<i>I am most confident with the following topic/topics:</i>				
<i>I have struggled most with the following topic/topics:</i>				
	Red	Amber	Green	Revised Tick <input checked="" type="checkbox"/>
Area of Study: Human Factors and Designing				
Be able to recognise and know the features of key design movements, such as Arts & Crafts, Art Nouveau, Art Deco, Bauhaus, Modernism, De Stijl, Memphis and Post Modernism				
Understand the terms form and function be able to categorize products and explain the reasoning.				

Understand the term ergonomics and be able to describe what it means.				
Understand the term anthropometrics and be able to describe what it means.				
Understand how designers design for the 95 th percentile				
Understand how designers use efficient layouts in their designs. Working triangles, assembly and production lines.				
Understand why designers use colour coding to help inform the user of its working characteristics.				
Understand how products can be made in different scales of production, one off, batch, mass, continuous, JIT				
Be able to draw in isometric.				
Be able to draw in 2D using orthographic drawings.				
Be able to use CAD skills to produce designs which can be outputted through CAM.				
<i>I am most confident with the following topic/topics:</i>				
<i>I have struggled most with the following topic/topics:</i>				
	Red	Amber	Green	Revised Tick <input type="checkbox"/>
Area of Study: Controlled Assessment Lighting Investigation (8 marks)				
You have been able to gather research, understand and justify the research you have gathered.				
You have gathered research into Existing Products				
You have gathered research into 20 th Century Design				
You have gathered research into Market Research				
You have gathered research into your Client				
You have gathered research into Product Analysis				

I am most confident with the following topic/topics:

I have struggled most with the following topic/topics:

	Red	Amber	Green	Revised Tick <input checked="" type="checkbox"/>
--	-----	-------	-------	---

Area of Study: Controlled Assessment Lighting Development of Design Proposal (32 marks)

Be able to produce a detailed Design Specification				
Be able to produce Initial Design Proposals				
Be able to produce Developed Design Proposals				
Be able to produce Card Models				

I am most confident with the following topic/topics:

I have struggled most with the following topic/topics:

