

## ASSESSMENT PREPARATION - USEFUL RESOURCES

Hodder Revision Guide

Textbook

Practice Questions on Any User

<https://www.technologystudent.com/>

## ASSESSMENT CONTENT

Please refer to the table for topic overviews. Complete practice questions from your textbook.

PAPER 1: TECHNICAL PRINCIPLES

PAPER 2: DESIGN & MAKING PRINCIPLES

	WHAT TO REVISE	ANY QUESTIONS
<b>Week 1</b>	<ul style="list-style-type: none"> <li>• BSI certification</li> <li>• Stock forms</li> <li>• Material finishes</li> <li>• Intellectual rights</li> <li>• Environmental impact of materials</li> </ul> <p><b>METALS:</b></p> <ul style="list-style-type: none"> <li>• <b>classifications</b></li> <li>• <b>enhancements</b></li> <li>• <b>Processes – forming / wasting/ redistribution/joining.</b></li> <li>• <b>Finishing</b></li> </ul> <p><b>PLASTICS:</b></p> <ul style="list-style-type: none"> <li>• <b>classifications</b></li> <li>• <b>enhancements</b></li> <li>• <b>Processes – forming / wasting/ redistribution/joining.</b></li> <li>• <b>Finishing</b></li> </ul>	
<b>Week 2</b>	<ul style="list-style-type: none"> <li>• CAD vs hand designing</li> <li>• Inclusive design</li> <li>• Maths</li> <li>• Testing material properties in the workshop and in industry</li> </ul> <p><b>WOOD /TIMBER:</b></p> <ul style="list-style-type: none"> <li>• <b>classifications</b></li> <li>• <b>enhancements</b></li> <li>• <b>Processes – forming / wasting/ redistribution/joining.</b></li> <li>• <b>Finishing</b></li> </ul> <p><b>COMPLIANT MATERIALS/PAPERS AND BOARDS:</b></p> <ul style="list-style-type: none"> <li>• <b>Printing processes</b></li> <li>• <b>Paper finishing</b></li> </ul>	
<b>Week 3</b>	<ul style="list-style-type: none"> <li>• Suitability of a material for high end sports equipment</li> <li>• Knock down fittings</li> <li>• JIT manufacturing</li> </ul> <p><b>SMART MATERIALS</b></p> <ul style="list-style-type: none"> <li>• <b>MODERN MATERIALS</b></li> </ul>	
<b>Week 4</b>	<ul style="list-style-type: none"> <li>• Ergonomic factors</li> <li>• WEEE directive</li> <li>• Environmental design and manufacturing of products</li> </ul>	

	<b>DESIGN MOVEMENTS</b> <ul style="list-style-type: none"> <li>• Arts n Crafts</li> <li>• Art Deco</li> <li>• Bauhaus</li> <li>• Memphis</li> <li>• <b>**Modernism vs post modernism**</b></li> </ul>	
<b>Week 5</b>	<ul style="list-style-type: none"> <li>• Maths</li> <li>• QA and QC</li> <li>• Virtual modelling techniques</li> <li>• Advancements in microelectronics</li> </ul> <b>DESIGNERS</b> <ul style="list-style-type: none"> <li>• Philippe Stark</li> <li>• James Dyson</li> <li>• Margaret Calvert</li> <li>• Dieter Raams</li> <li>• Charles and Ray Eames</li> <li>• Marianne Brandt</li> </ul>	
<b>Week 6</b>	Free Choice up until the exam	