

# KS4 Theory and Exam Prep <Design Technology – Product Design> Contingency Plan LTP

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
	W/C 24/08	W/C 31/09	W/C 07/09	W/C 14/09	W/C 21/09	W/C 28/09	W/C 05/10	W/C 12/10	W/C 02/11	W/C 09/11	W/C 16/11	W/C 23/11	W/C 30/11
Cycle 1					<p><b>LI: Unit 1 – New and emerging technologies</b></p> <p><i>Industry and enterprise</i> <i>Sustainability and the environment</i> <i>People, culture and society</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 1 – New and emerging technologies</b></p> <p><i>Production techniques and systems</i> <i>Informing design decisions</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 2: Energy, materials, systems and devices</b></p> <p><i>Energy generation</i> <i>Energy storage</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 2: Energy, materials, systems and devices</b></p> <p><i>Modern materials</i> <i>Smart materials</i> <i>Composite materials</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 2: Energy, materials, systems and devices</b></p> <p><i>System approach to designing</i> <i>Electronic systems processing</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 2: Energy, materials, systems and devices</b></p> <p><i>Mechanical devices</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 3: Materials</b></p> <p><i>Paper and boards</i> <i>Timbers</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 3: Materials</b></p> <p><i>Metals and alloys</i> <i>Polymers</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 3: Materials</b></p> <p><i>Textiles</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>

	W/C 07/12	W/C 14/12	W/C 04/01	W/C 11/01	W/C 18/01	W/C 25/01	W/C 01/02	W/C 08/02	W/C 22/02	W/C 01/03	W/C 08/03	W/C 15/03	W/C 22/03
Cycle 2	<p><b>LI: Unit 4: Common specialist technical principles</b></p> <p><i>1. Forces and Stresses</i> <i>2. Improving functionality</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 4: Common specialist technical principles</b></p> <p><i>3. Ecological social footprint</i> <i>4. The six R's</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 4: Common specialist technical principles</b></p> <p><i>4. Scales of production</i> <i>Complete end of Unit 4 assessment test</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 5A – Papers and boards</b></p> <p><i>Sources, origins and properties</i> <i>Working with paper and board</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 5B – Timber based materials</b></p> <p><i>Sources, origins and properties</i> <i>Working with paper and board</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 5C – Metals</b></p> <p><i>1. Sources, origins and properties</i> <i>2. Working with paper and board</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 5D – Polymers</b></p> <p><i>1. Sources, origins and properties</i> <i>2. Working with paper and board</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 5E – Textiles based materials</b></p> <p><i>1. Sources, origins and properties</i> <i>2. Working with paper and board</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 5F – Electronic systems</b></p> <p><i>1. Sources, origins and properties</i> <i>2. Working with paper and board</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 6: Designing principles</b></p> <p><i>1. Investigation, primary and secondary data</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 6: Designing principles</b></p> <p><i>2. The work of others</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 6: Designing principles</b></p> <p><i>3. Design strategies</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>	<p><b>LI: Unit 6: Designing principles</b></p> <p><i>4. Communication of design ideas</i></p> <p>Task: Go through PP and complete worksheets Resources: <a href="#">CLICK HERE FOR LINK</a></p>

	W/C 12/04	W/C 19/04	W/C 26/04	W/C 03/05	W/C 10/05	W/C 17/05	W/C 24/05	W/C 07/06	W/C 14/06	W/C 21/06	W/C 28/06	W/C 05/07	W/C 12/07
<b>Cycle 3</b>	<b>LI: Unit 7: Making Principles</b> <i>1. Selection of materials and components</i> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>	<b>LI: Unit 7: Making principles</b> <i>2. Tolerances</i> <i>3. Materials management</i> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>	<b>Unit 7: Making principles</b> <i>4. Tools, equipment, technique and finishes</i> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>	<b>LI: Unit 7: Making principles</b> <b>5. Surface treatments and finishes</b> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>	<b>LI: End of Unit assessments to be completed</b> <b>UNIT 1</b> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>	<b>LI: End of Unit assessments to be completed</b> <b>UNIT 2</b> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>	<b>LI: End of Unit assessments to be completed</b> <b>UNIT 3</b> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>	<b>LI: End of Unit assessments to be completed</b> <b>UNIT 3</b> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>	<b>LI: End of Unit assessments to be completed</b> <b>UNIT 4</b> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>	<b>LI: End of Unit assessments to be completed</b> <b>UNIT 5A</b> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>	<b>LI: End of Unit assessments to be completed</b> <b>UNIT 5B</b> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>	<b>LI: End of Unit assessments to be completed</b> <b>UNIT 5C</b> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>	<b>LI: End of Unit assessments to be completed</b> <b>UNIT 5D</b> Task: Go through PP and complete worksheets Resources <a href="#">CLICK HERE FOR LINK</a>

- Look at the document and find the correct week
- Click the link which will take you to a one drive document
- Click the correct title for that week
- Go through the PowerPoint and make notes
- When instructed – click the appropriate worksheet in that folder and download your own copy to work on
- DO NOT – type onto the document whilst open on the one drive as other scholars will see your answers
- Save your own version on your device and work on that
- Once complete – email to [sjordon@dixonsma.com](mailto:sjordon@dixonsma.com)