

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					LI: Unit 1 – New and emerging technologies <i>Industry and enterprise</i> <i>Sustainability and the environment</i> <i>People, culture and society</i>	LI: Unit 1 – New and emerging technologies <i>Production techniques and systems</i> <i>Informing design decisions</i>	LI: Unit 2: Energy, materials, systems and devices <i>Energy generation</i> <i>Energy storage</i>	LI: Unit 2: Energy, materials, systems and devices Modern materials Smart materials Composite materials	LI: Unit 2: Energy, materials, systems and devices System approach to designing Electronic systems processing	LI: Unit 2: Energy, materials, systems and devices <i>Mechanical devices</i>	LI: Unit 3: Materials <i>Paper and boards</i> <i>Timbers</i>	LI: Unit 3: Materials Metals and alloys Polymers	LI: Unit 3: Materials <i>Textiles</i>
					Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK

	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	LI: Unit 4: Common specialist technical principles <i>1. Forces and Stresses</i> <i>2. Improving functionality</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	LI: Unit 4: Common specialist technical principles <i>3. Ecological social footprint</i> <i>4. The six R's</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	LI: Unit 4: Common specialist technical principles <i>4. Scales of production</i> <i>Complete end of Unit 4 assessment test</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	LI: Unit 5A – Papers and boards <i>Sources, origins and properties</i> <i>Working with paper and board</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	LI: Unit 5B – Timber based materials <i>Sources, origins and properties</i> <i>Working with paper and board</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	LI: Unit 5C – Metals <i>1. Sources, origins and properties</i> <i>2. Working with paper and board</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	LI: Unit 5D – Polymers <i>1. Sources, origins and properties</i> <i>2. Working with paper and board</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	LI: Unit 5E – Textiles based materials <i>1. Sources, origins and properties</i> <i>2. Working with paper and board</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	LI: Unit 5F – Electronic systems <i>1. Sources, origins and properties</i> <i>2. Working with paper and board</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	LI: Unit 6: Designing principles <i>1. Investigation, primary and secondary data</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	LI: Unit 6: Designing principles <i>2. The work of others</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	LI: Unit 6: Designing principles <i>3. Design strategies</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK	LI: Unit 6: Designing principles <i>4. Communication of design ideas</i> Task: Go through PP and complete worksheets Resources: CLICK HERE FOR LINK

	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
Cycle 3	LI: Unit 7: Making Principles <i>1. Selection of materials and components</i> Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK	LI: Unit 7: Making principles <i>2. Tolerances</i> <i>3. Materials management</i> Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK	Unit 7: Making principles <i>4. Tools, equipment, technique and finishes</i> Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK	LI: Unit 7: Making principles 5. Surface treatments and finishes Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK	LI: End of Unit assessments to be completed UNIT 1 Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK	LI: End of Unit assessments to be completed UNIT 2 Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK	LI: End of Unit assessments to be completed UNIT 3 Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK	LI: End of Unit assessments to be completed UNIT 3 Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK	LI: End of Unit assessments to be completed UNIT 4 Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK	LI: End of Unit assessments to be completed UNIT 5A Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK	LI: End of Unit assessments to be completed UNIT 5B Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK	LI: End of Unit assessments to be completed UNIT 5C Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK	LI: End of Unit assessments to be completed UNIT 5D Task: Go through PP and complete worksheets Resources CLICK HERE FOR LINK

- 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