

Assessment Record for determining teacher assessed grades in Summer 2021

JOHN PORT SPENCER ACADEMY

Department: Design and Technology

Subject Title: Design and Technology; Product Design

Subject Code: H406

Examination Content	Type of Assessment				Level of Control H, M, L
		AO1	AO2	AO3	
1. Identifying requirements					
Classroom assignment: Can opener project covering inclusive design, primary research, market research, testing, ergonomic & anthropometric research and testing. In class assessments 1.3	Formative and summative assessment Portfolio evidence	✓	✓	✓	Low
Internal Examination Assessment May 2021	Full mock exam, paper 1 and paper 2.	✓	✓	✓	High
2. Learning from existing products and practice					
Classroom assignment: Egg holder and Can opener project Google classroom assessment Sustainability and LCA In class assessment 2.1 2.2	Formative and summative assessment. Portfolio evidence.	✓	✓	✓	Low
Internal Examination Assessment May 2021	Full mock exam, paper 1 and paper 2.	✓	✓	✓	High
3. Implications of wider issues					
Classroom assignment: Egg holder project and Can opener (inclusive design Project) Sustainability & LCA assessment questions (Google Classroom L2) In class assessment 3.2	Formative and summative assessment. Portfolio evidence	✓	✓	✓	Low
Internal Examination Assessment May 2021	Full mock exam, paper 1 and paper 2.	✓	✓	✓	High
4. Design thinking and communication					
Classroom assignment: Can opener and Egg holder design portfolio Dovetail box CAD portfolio evidence	Formative and summative assessment.	✓	✓	✓	Low

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	Portfolio evidence				
Internal Examination Assessment May 2021	Full mock exam, paper 1 and paper 2.	✓	✓	✓	High
5. Material and component considerations					
Classroom assignment: Polymers and smart material (Google Classroom Question L2) Manufacturing processes & material processing (Google Classroom Question L2) In class assessments. 5.2 5.3	Formative and summative assessment. Portfolio evidence	✓	✓	✓	Low
Internal Examination Assessment May 2021	Full mock exam, paper 1 and paper 2.	✓	✓	✓	High
6. Technical understanding					
Classroom assignment: In class assessments 6.1 6.2	Formative and summative assessments.	✓	✓	✓	Low
Internal Examination Assessment May 2021	Full mock exam, paper 1 and paper 2.	✓	✓	✓	High
7. Manufacturing processes and techniques					
Classroom assignment: Model making - Can opener project , plan and diary of manufacture. 7.2 (c) Job, Batch, Flow production (Google Classroom Question L2) Manufacturing processes & material processing (Google Classroom Question L2) In class assessments 7.2 7.3	Formative and summative assessment. Portfolio evidence laser cut final prototype.	✓	✓	✓	Low
Internal Examination Assessment May 2021	Full mock exam, paper 1 and paper 2.	✓	✓	✓	High
8. Viability of design solutions					
Classroom assignment: Can opener project, primary user testing and feasibility study In class assessments 8.2	Formative and summative assessment. Portfolio evidence	✓	✓	✓	Low

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Internal Examination Assessment May 2021	Full mock exam, paper 1 and paper 2.	✓	✓	✓	High
9. Health and safety					
Classroom assignment: In class assessment 9.2	Summative assessment.	✓	✓	✓	Low
Internal Examination Assessment May 2021	Full mock exam, paper 1 and paper 2.	✓	✓	✓	High
NEA Strand 1 – Explore		✓			High
NEA Strand 2 – Create: Design Thinking			✓		High
NEA Strand 3 – Create: Design Communication			✓		High
NEA Strand 4 – Create: Final Prototype(s)			✓		High
NEA Strand 5 – Evaluate				✓	High