



SAMPLE ASSESSMENT OUTLINE

MATERIALS DESIGN AND TECHNOLOGY
ATAR YEAR 11

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Sample assessment outline

Materials Design and Technology – ATAR Year 11

Units 1 and 2

Assessment type and weighting	Assessment task weighting	Duration	Assessment task
Design 25%	5%	Term 1 Week 1–3	Task 1: Investigate and develop ideas from: <ul style="list-style-type: none"> • needs, values and beliefs of the designer/developer • sources of design inspiration • performance criteria for products • application of design fundamentals and factors affecting design.
	8%	Term 1 Week 6–9	Task 3: Developing a solution; through concept drawings, working drawings, patterns or templates. Final drawn proposal. Presentation drawing of proposed solution – colour rendered pictorial 3D drawing either CAD or hand drawn. Prepare production plan, materials lists and costing/ordering; record progress in design portfolio.
	5%	Term 3 Week 1–2	Task 8: Investigate and develop ideas from: <ul style="list-style-type: none"> • needs, values and beliefs • performance criteria • historical, social and cultural sources of design inspiration • specific design characteristics/features of; products, designers and industries • application of design fundamentals and factors affecting design.
	5%	Term 3 Week 5–7	Task 11: Developing a solution; through concept drawings, working drawings, patterns or templates. Final drawn proposal. Presentation drawing of proposed solution – colour rendered pictorial 3D drawing either CAD or hand drawn.
	2%	Term 3 Week 8–9	Task 12: Prepare production plan, materials lists and costing/ordering; record progress in design portfolio.

Assessment type and weighting	Assessment task weighting	Duration	Assessment task
Production 50%	5%	Term 2 Week 1–2	Task 4: Production skills; apply and practice safety during task/s to develop practical hand and machine skills. Modelling, prototype or toile.
	20%	Term 2 Week 2–6 Week 9–10	Task 5: Manufacture of proposed product; using prepared production plan, materials and available equipment; record progress in design portfolio.
	25%	Term 4 Week 2–4 Week 7–9	Task 13: Manufacture of proposed product; using prepared production plan, materials and available equipment; record progress in design portfolio.
Response 25%	5%	Term 1 Week 4–5	Task 2: Investigate materials. Research materials suitable for the development of a solution, and report on: <ul style="list-style-type: none"> nature and properties of materials materials in context.
	2%	Term 2 Week 10	Task 6: Evaluation of completed product; written report on and photographs of completed product.
	5%	Term 2 Examination Week 7–8	Task 7: Semester 1 examination – of approximately 2 hours, using a modified examination design brief from the Year 12 syllabus.
	3%	Term 3 Week 3	Task 9: Investigate materials. Research materials suitable for the development of a solution, and report on nature and properties of materials.
	3%	Term 3 Week 4	Task 10: Investigate materials in context. Research examples of sustainability with regard to: <ul style="list-style-type: none"> sustainable materials sustainable production processes.
	2%	Term 4 Week 9	Task 14: Evaluation of completed product; written report on and photographs of completed product.
	5%	Term 4 Examination Week 5–6	Task 15: Semester 2 examination – of approximately 2 hours, using a modified examination design brief from the Year 12 syllabus.
Total	100%		