



SAMPLE ASSESSMENT OUTLINE

PHYSICS
ATAR YEAR 11

Acknowledgement of Country

Kaya. The School Curriculum and Standards Authority (the Authority) acknowledges that our offices are on Whadjuk Noongar boodjar and that we deliver our services on the country of many traditional custodians and language groups throughout Western Australia. The Authority acknowledges the traditional custodians throughout Western Australia and their continuing connection to land, waters and community. We offer our respect to Elders past and present.

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Any resources such as texts, websites and so on that may be referred to in this document are provided as examples of resources that teachers can use to support their learning programs. Their inclusion does not imply that they are mandatory or that they are the only resources relevant to the course. Teachers must exercise their professional judgement as to the appropriateness of any they may wish to use.

Sample assessment outline – Physics – ATAR Year 11

Unit 1 and Unit 2

Assessment type	Assessment type weighting	Assessment task weighting	When	Assessment task
Science Inquiry	20%	10%	Semester 1 Week 14	Task 2: Portfolio 1 A small number (3–5) of practical items will be selected that encompass the Science Inquiry Skills to authenticate the portfolio. In gathering appropriate evidence, students will have opportunities to receive feedback in several formative activities. The timing of the practical activities will be provided to the students.
		10%	Semester 2 Week 14	Task 6: Portfolio 2 A small number (3–5) of practical items will be selected that encompass the Science Inquiry Skills to authenticate the portfolio. In gathering appropriate evidence, students will have opportunities to receive feedback in several formative activities. The timing of the practical activities will be provided to the students.
Test	40%	9%	Semester 1 Week 5	Task 1: Test – Motion Typically consists of short response and problem-solving questions that may be scaffolded
		9%	Semester 1 Week 14	Task 3: Test – Forces, mechanical and thermal energy Typically consists of short response and problem-solving questions that may be scaffolded
		11%	Semester 2 Week 9	Task 5: Test – Waves and Nuclear physics (nuclear model, types of radiation, nuclear equations, half-life, biological effects of radiation) Typically consists of short response and problem-solving questions that may be scaffolded
		11%	Semester 2 Week 14	Task 7: Test – Nuclear physics (binding energy, fission and fusion, reactors) and Electrical physics Typically consists of short response and problem-solving questions that may be scaffolded

Assessment type	Assessment type weighting	Assessment task weighting	When	Assessment task
Examination	40%	15%	Semester 1 Week 16	Task 4: Semester 1 examination based on Unit 1 content 2.5–3 hours using a modified examination design brief from the ATAR Year 12 syllabus Section One: 10–15 short response questions (30%) Section Two: 6–8 problem-solving questions (50%) Section Three: two questions (20%)
		25%	Semester 2 Week 16	Task 8: Semester 2 examination based on Unit 1 (40%) and 2 (60%) content 3 hours using a modified examination design brief from the ATAR Year 12 syllabus. Section One: 10–15 short response questions (30%) Section Two: 6–8 problem-solving questions (50%) Section Three: two questions (20%)
Total	100%	100%		