



## **SAMPLE ASSESSMENT OUTLINE**

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**PHYSICS**

**ATAR YEAR 12**

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## Sample assessment outline

### Physics – ATAR Year 12

#### Unit 3 and Unit 4

Assessment type	Assessment type weighting	Assessment task weighting	When	Assessment task
Science Inquiry Portfolio	10%	10%	Semester 2 Week 13	<b>Task 6: Portfolio based on Unit 3 (40%) and Unit 4 (60%)</b> 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 6	<b>Task 1: Test – Equilibrium and circular motion</b> Typically consists of short response and problem-solving questions that may be scaffolded.
		9%	Semester 1 Week 13	<b>Task 2: Test – Gravity and relativity</b> Typically consists of short response and problem-solving questions that may be scaffolded.
		11%	Semester 2 Week 7	<b>Task 4: Test – Electromagnetism and particle accelerators</b> Typically consists of short response and problem-solving questions that may be scaffolded.
		11%	Semester 2 Week 13	<b>Task 5: Test – Wave particle duality, quantum theory and cosmology</b> Typically consists of short response and problem-solving questions that may be scaffolded.
Examination	50%	15%	Semester 1 Week 15	<b>Task 3: Semester 1 examination based on Unit 3 content</b> Three hours using the examination design brief from the ATAR Year 12 syllabus. Section One: 10–15 short response (30%) Section Two: 6–8 problem-solving questions (50%) Section Three: two questions (20%)
		35%	Semester 2 Week 15	<b>Task 7: Semester 2 examination based on Unit 3 (45%) and Unit 4 (55%) content</b> Three hours using the examination design brief from the ATAR Year 12 syllabus. Section One: 10–15 short response (30%) Section Two: 6–8 problem-solving questions (50%) Section Three: two questions (20%)
<b>Total</b>	<b>100%</b>	<b>100%</b>		