**Sample Assessment Outline**

Physics

ATAR Year 11

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# 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 | 30% | 5% | Semester 1  Week 2 | Task 1: Evaluation and analysis  Design an energy efficient building (house at given location, classroom block or other specific brief) |
| 5% | Semester 1  Week 4 | **Task 2: Investigation**  Design an investigation to determine the specific heat capacity of an unknown substance |
| 5% | Semester 1  Week 12 | Task 5: Experiment  Determine the resistance of an unknown resistor |
| 5% | Semester 2  Week 4 | Task 8: Investigation  Motion investigation on acceleration (effect of safety devices) |
| 5% | Semester 2  Week 10 | Task 10: Evaluation and analysis  Respond to scientific article on acoustics – in-class questions |
| 5% | Semester 2  Week 12 | Task 11: Experiment  Resonance in closed pipes |
| Test | 30% | 5% | Semester 1  Week 6 | Task 3: Heating processes test |
| 5% | Semester 1  Week 10 | Task 4: Ionising radiation and nuclear reactions test |
| 5% | Semester 1  Week 14 | Task 6: Electrical circuits test |
| 9% | Semester 2  Week 8 | Task 9: Linear motion and force test |
| 6% | Semester 2  Week 14 | **Task 12:** Waves test |
| Examination | 40% | 15% | Semester 1  Examination week | Task 7: Semester 1 examinationbased on Unit 1 content |
| 25% | Semester 2  Examination week | Task 13: Semester 2 examinationbased on Unit 1 and 2 content |
| Total | 100% | 100% |  |  |