

## ASSESSMENT GRID: YEAR 12 SCIENCE EXTENSION 2025

Assessment Task	AT 1	AT 2	AT 3	
	Term 1 Week 4 Monday, 17 February 2025  <b>In Class / Hand In</b>	Term 2 Week 6 Monday, 2 June 2025  <b>In Class</b>	Term 2 July Holiday Friday, 4 July 2025  <b>Hand In</b>	
<b>Outline / Description</b>  Students will construct a concise, informative, and interesting poster on the progress of their research project.	<b>POSTER AND PRESENTATION: RESEARCH PROPOSAL</b>  Students will construct a concise, informative, and interesting poster on the progress of their research project.	<b>DATA ANALYSIS AND INFORMATION PROCESSING TASK</b>  This will involve students processing information and data provided and analysing it	<b>SCIENTIFIC RESEARCH REPORT</b>  This is the final submission of their research report for their project of task	
<b>Outcomes</b>	SE-2, SE-3, SE-5, SE-7	SE-3, SE-4, SE-5, SE-6	SE-1 - SE-7	
<b>Component</b>				<b>Weightings</b>
Communicating scientifically	15%	5%	10%	30%
Gathering, recording, analysing and evaluating data	5%	20%	10%	35%
Application of scientific research skills	10%	5%	20%	35%
<b>Marks</b>	<b>30%</b>	<b>30%</b>	<b>40%</b>	<b>100%</b>

## ASSESSMENT GRID: YEAR 12 SCIENCE EXTENSION 2025 - OUTCOME STATEMENTS

Course Outcomes	
<b>SE-1</b>	Refines and applies the Working Scientifically processes in relation to scientific research
<b>SE-2</b>	Analyses historic and cultural observations, ethical considerations and philosophical arguments involved in the development of scientific knowledge and scientific methods of inquiry
<b>SE-3</b>	Interrogates relevant and valid peer-reviewed scientific research to develop a scientific research question, hypothesis, proposal and plan
<b>SE-4</b>	Uses statistical applications, mathematical processes and/or modelling to gather, process, analyse and represent reliable and valid datasets
<b>SE-5</b>	Analyses and applies the processes used in reliable and valid scientific research to solve complex scientific problems and inform further research
<b>SE-6</b>	Analyses and reports on a contemporary issue or an application of science informed by either primary or secondary-sourced data, or both, in relation to relevant publicly available data sets
<b>SE-7</b>	Communicates analysis of an argument or conclusion incorporating appropriate scientific language and referencing techniques in a scientific report