

# Learning and Assessment Overview



**MALANDA**  
STATE HIGH SCHOOL

Year 11

CHEMISTRY

	Topics	Start/Length	Subject Matter	Assessment	Checkpoints	Due Date
Unit 1	1. Properties and structure of atoms 2. Properties and structure of materials 3. Chemical reactions	Term 1, Week 1 16 weeks	Unit 1 includes the following subject matter: <ul style="list-style-type: none"> <li>• Topic 1: Periodic table and trends, atomic structure, introduction to bonding, isotopes and analytical techniques</li> <li>• Topic 2: compounds and mixtures, bonding and properties</li> <li>• Topic 3: chemical reactions, exothermic and endothermic reactions, measurement, uncertainty and error, and mole concept and the law of conservation of mass</li> </ul>	IA1 Data Test  IA2 Student Experiment	Draft: 20/05/24 <i>For other checkpoints refer to Task Sheet</i>	Term 1 Week 8 15/03/24  Term 2 Week 8 07/06/24
	Unit	Start/Length	Subject Matter	Assessment	Checkpoints	Due Date
Unit 2	1. Intermolecular forces and gases 2. Aqueous Solutions and acidity 3. Rates of chemical reactions	Term 2 Week 7 16 weeks	Unit 2 includes the following subject matter: <ul style="list-style-type: none"> <li>• Topic 1: Intermolecular forces, chromatography techniques, gases</li> <li>• Topic 2: Aqueous solutions and molarity, identifying ions in solution, solubility, pH, and reaction of acids</li> <li>• Topic 3: rates of reactions</li> </ul>	IA3 Research Investigation  Internal Examination (Units 1 & 2)	Draft: 22/07/24 <i>For other checkpoints refer to Task Sheet</i>	Term 3 Week 6 16/08/24  TBA Week 4