

**SEMESTER 2 ASSESSMENT DATES: YEARS 8 - 12**

**SCIENCE DEPARTMENT**

Year Level	Subject	Assessments
12	Chemistry	Extended Response Task – Mon 23 <sup>rd</sup> August Supervised Assessment – Exam Block Term 4
	Biology	Written Task – Exam Block Term 3 Written Task – Date TBA Term 4
	Physics	Extended Response Task – Exam Block Term 3 Supervised Assessment – Exam Block Term 4
	Science in Practice	Photo Essay – Due Wk 8 Exam – Exam Block
11	Chemistry	Supervised Assessment – Exam Block Term 3 Extended Response Task – Exam Block Term 4
	Biology	Written Task – Exam Block Term 3 (2 lessons) Extended Response Task – Date TBA Term 4
	Physics	Extended Response Task - Exam Block Term 3 Supervised Assessment – Exam Block Term 4
	Science in Practice	Photo Essay – Due Wk 8 Exam – Exam Block
10	Science 692	Unit Test (Chemistry) + Lab Reports – Exam Block Term 3 Unit Test (Physics) + Lab Reports – Exam Block Term 4
9	Science 571	As per program (listed below) – N.B Dates for lab reports will vary, but normally 1 week after the prac is done.
8	Science	As per program (listed below) – N.B Dates for lab reports will vary, but normally 1 week after the prac is done.

YEAR 8 SCIENCE - 2010

SEMESTER 2

<p>TERM 3</p>	<p><i>Chapter 4 - Cells of Life</i></p> <p><i>Chapter 9 - New Generations</i></p>	<p><i>2 - 3 weeks</i></p> <p><i>END OF TERM 3</i></p>	<ul style="list-style-type: none"><li>• Cell theory</li><li>• Microscopes - refer to Chapter 1</li><li>• Organelles</li><li>• Plant / Animal cells</li><li>• Exp 4.4 - use prepared slides first / then wet mounts.....eg. pond water</li><li>• Specialization</li><li>• Cell → tissue → organ → system</li><li>• Asexual reproduction- examples</li><li>• Reproduction in flowering plants - Video "Sexual Encounters of the Flowering Kind"</li><li>• Human reproduction</li><li>• Systems</li><li>• Puberty / menstruation - videos</li><li>• Pregnancy</li><li>• IVF etc</li><li>• Assessment - Unit test - Lab Reports - (Unit test - 'Cells" - week 6 - August 2<sup>nd</sup> / Unit test - 'New Generations - Exam block)</li></ul>
<p>TERM 4</p>	<p><i>Chapter 5 - Exploring Ecosystems</i></p> <p><i>Chapter 6 - Cyclical Changes</i></p>	<p><i>3 weeks</i></p>	<ul style="list-style-type: none"><li>• Classification - p 136 →</li><li>• 5 kingdoms - Video - "5 Kingdom Classification" - (Unit test - week 6 - October 25<sup>th</sup> )</li><li>• Day / night / seasons / tides</li><li>• Effect on Living Things</li><li>• Assessment - Unit Test + Activity 6.5 - (Unit test - exam block / Lab reports - 'as and when')</li></ul>

YEAR 9 SCIENCE - 2010

SEMESTER 2

TERM 3	Chapter 6 - Heat, Light & Sound		<ul style="list-style-type: none"><li>• Reflection / Refraction / Total Internal Reflection</li><li>• Dispersion - expts 6.1 / 6.4 / 6.5 / 6.6</li><li>• + ray diagrams for mirrors and lenses</li><li>• Conduction / convection and radiation</li><li>• Demo 6.8 / exp 6.9</li><li>• Sound / vibrations - demo 6.12</li><li>• Pitch (Hz) / Loudness (<i>dB</i>)</li><li>• Speed of sound - water pipes / tuning fork exp.</li></ul> <p><i>Assessment</i> - Unit test and Lab Reports                      <u>EXAM BLOCK</u></p>
TERM 4	Chapter 9 - The Forensic Files		<ul style="list-style-type: none"><li>• Microscopes - revisit year 8 work - Activity 9.2</li><li>• Fingerprints - Act 9.3 / Exp 9.4</li><li>• Anthropometry- Act 9.5</li><li>• Bones / teeth</li><li>• Casts - Exp 9.7</li><li>• Hair / blood - Exp 9.8</li><li>• DNA - Act 9.9</li><li>• Chromatography - Exp 9.10</li><li>• Soil types - Exp 9.11?</li><li>• Facial Reconstruction</li></ul> <p><i>Assessment</i> - Unit test and Lab Reports                      <u>EXAM BLOCK</u></p> <p>Lab reports - 'as and when'</p>