



## MOSSMAN STATE HIGH SCHOOL

Term 4, 2019 – Course Outline SCI081A, B, C, D, E

MS OLIVER / MISS CRANE / MISS LUCAS / MR JACKS / MR SHUKIE

Unit Name	Main Ideas	Duration (weeks)	Assessment Item	Due Date
1. Particles Matter	<ul style="list-style-type: none"><li>Review of safety procedures, lab equipment &amp; lighting a Bunsen burner.</li><li>Properties of different states of matter can be explained in terms of the motion and arrangement of particles</li><li>The particle model is used to link the energy of particles to temperature changes</li><li>Differences between elements, compounds and mixtures can be described at a particle level</li><li>Recognise elements and simple compounds can be represented by symbols and formulas</li><li>Locate elements on the periodic table</li></ul>	5	Exam (70 mins)	Week 6 Wednesday 13 <sup>th</sup> November
2. Chemistry of common substances	<ul style="list-style-type: none"><li>Identify evidence of and differences between chemical and physical changes</li><li>Plan and conduct fair tests, record observations and collect and represent and analyse qualitative and quantitative data.</li><li>Reflect on the methods used and evaluate the quality of the data</li><li>Investigate the effect of temperature on reaction rate</li></ul>	4	Practical Report Rate of Reaction	Week 9 Wednesday 4 <sup>th</sup> December