



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">Review of safety procedures, lab equipment & lighting a Bunsen burner.Properties of different states of matter can be explained in terms of the motion and arrangement of particlesThe particle model is used to link the energy of particles to temperature changesDifferences between elements, compounds and mixtures can be described at a particle levelRecognise elements and simple compounds can be represented by symbols and formulasLocate elements on the periodic table	5	Exam (70 mins)	Week 6 Wednesday 13 th November
2. Chemistry of common substances	<ul style="list-style-type: none">Identify evidence of and differences between chemical and physical changesPlan and conduct fair tests, record observations and collect and represent and analyse qualitative and quantitative data.Reflect on the methods used and evaluate the quality of the dataInvestigate the effect of temperature on reaction rate	4	Practical Report Rate of Reaction	Week 9 Wednesday 4 th December