CHEMISTRY
[Authority Subject]

The Chemistry course at Maroochydore State High School emphasises a contextual approach that aims to give “real life” meaning to the study of Chemistry and being able to work scientifically in the laboratory.

Students completing a course in Chemistry should develop:
• knowledge and understanding of chemical models, methods and language
• a capacity to work as part of a team comparable to the interactions within the community of scientists
• logical, creative and reflective thinking processes to create understandings, make decisions and solve problems
• the ability to confidently undertake scientific investigation in the laboratory, using safe and responsible practices
• scientific literacy and the ability to communicate chemical ideas effectively in a variety of forms

YEAR 11
Semester 1
• What’s The Matter?
• Water – It is the Solution?
Semester 2
• Ethanol: Friend or Enemy
• Burn Baby Burn!

YEAR 12
Semester 3
• Redox: Metal Extraction
• Rates of Reactions
Semester 4
• Drugs: Amazing Aspirin
• Forensic Chemistry

PREREQUISITES:
• A minimum SA+ in Year 10 Advanced Science.
• A minimum SA in Year 10 Advanced Maths

COSTS (Additional to SRS charges):
• Year 11 & 12 Science Competition
• Year 11 & 12- Periodic Table

ASSESSMENT:
Semester 1:
• Extended Experimental Investigation
• Written Test
Semester 2:
• Written Test (Stimulus Response)
• Written Test
Semester 3:
• Written Test (Stimulus Response)
• Extended Experimental Investigation
Semester 4:
• Written Test
• Written Test