

Senior Sciences

General and Applied *Senior subject overview* Years 11 - 12

Senior Science Teachers





Mr Rory Magee



Ms Morgane Compagnon



Mrs Christine Brown



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Mrs Sarah Powell



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HOD Science Mrs Kylie Dickson kdick39@eq.edu.au





Senior Secondary Sciences, Year 11-12

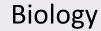
General

*Results contribute to ATAR

*results contribute to QCE

*includes external assessment

Student are expected to have completed the Year 10 equivalent extension program and have received a C minimum



Marine

Physics

Chemistry

Applied

* No more than one applied subject can contribute to ATAR

*results contribute to QCE

Aquatic Practices



Students are expected to have completed Year 10 Science









4 QCE Credits
Contributes to ATAR
Internal assessment (50%)

- 10% Data Test 60mins
- 20% Student Experiment 10hrs and 1500 -2000 words
- 20% Research Investigation 10hrs and 1500 -2000 words

External assessment (50%)

External Exam covering all of Unit 3 and 4 (Year 12)





Applied Sciences (Aquatic Practices)



4 QCE Credits Can contribute to ATAR** Assessment

• All internal assessment, 2 items per unit equal weighting.



	Year 11	Year 12
Unit 1	Sailing	Surfing
Unit 2	Navigation and Kayaking	Boat Licence
Unit 3	Boats and vessels	Fishing
Unit 4	Shipwrecks and snorkelling *Tangalooma CAMP	Seafood





Marine Science (ATAR subject)

Marine Science provides opportunities for students to study an interdisciplinary science focusing on marine environments and the consequences of human influences on ocean resources.

Aquatic Practices (Applied subject)

Aquatic Practices provides opportunities for students to explore, experience, and learn practical skills and knowledge valued in the workplace and other marine settings.

Year 11

Pre-requisite: C or higher in year 10 Science

Study:

- Oceanography
- · Marine biology

Field work experience / camp:

 3 <u>day</u>/ 2 night camp to North Stradbroke Island, Moreton Bay.

Study:

Coastlines and navigation

Pre-requisite: C in year 10 AQP or Science

Marine vessels

Excursions / camp:

- Kayaking excursion in Pumicestone Passage
- 3 day/ 2 night camp to Moreton Island

Year 12

Study:

- Marine systems connections and change
- · Ocean issues and resource management.

Field work experience / camp:

 4 <u>day</u>/ 3 night camp to Lady Elliot Island, Southern Great Barrier Reef.

Study:

- · Using the aquatic environment
- · Recreational and commercial fishing

Excursions / camp:

Surfing – learn to surf
Get your boat licence (RMDL)
Build a fishing rod and go fishing
Learn how to cook delicious seafood.







creating Tomorrow

Additional Subject Fees Sciences

(Approx.)

SUBJECT	FEES	MAND
Biology – Excursions	\$100 - \$150	, o
Marine Science – Excursion and Camp.	\$600 in Year 11 \$1100 in Year 12	
Aquatic Practices – <i>Mandatory Curriculum Activities and Camp</i>	\$650 in Year 11 \$500 in Year 12	
Physics – Excursion	\$100	
Chemistry	\$50 -\$100	









Email me to arrange a time to meet and discuss.

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RD Staffroom





