



Dear Parents/Guardians/Students,

### SCIENCE COMPETITIONS 2019 – INFORMATION LETTER

During 2019, the Science Department will promote and coordinate a range of science competitions and events for students. These competitions and events lead to many potential benefits, including:

- Recognition for interest, participation and achievement in Science
- Increasing awareness of the wider applications of Science
- Practice and refinement of problem-solving skills
- Receiving valuable feedback from results
- Opportunity to pursue particular interests in Science
- Improve exam technique
- Increase confidence for future subject selection and career aspirations
- The chance to win prizes

Important details about the current competitions and events on offer this year are detailed on the next page. Please be advised that additional events may be introduced throughout the year and/or current events may be cancelled due to lack of interest.

Students wishing to participate in any of the competitions and events described must print and complete the permission slip attached and return it to their Science Teacher or Science Coordinator. Alternatively, parents/guardians may send a SEQTA Direct message to Miss Krystal Skelin indicating which event(s) their child would like to participate in. This is to be done no later than **Monday 30<sup>th</sup> April** (Term 1 Week 10). Students will then be registered (including payment of entry fee) by the Science Department. Any student who is registered but does not attend a competition will be charged the respective registration fee (approximately \$7 - \$8). Please check the dates carefully, especially against your after-school commitments, appointments and the College Calendar.

Students will be reminded of the competition or event in the daily notices or via SEQTA Direct Message and may be asked to attend a brief meeting prior to the respective date to assist with preparation. Students are encouraged to access past competition papers where applicable on respective websites and/or by borrowing past papers from the Science Department to help familiarise themselves with the task.

If you have any further queries please refer to the competition website or contact the Science Coordinator at Newman College on 9204 9467.

Kind regards,

Miss Krystal Skelin  
Science Coordinator

**Challenge — Collaborate — Create — Celebrate**

## SCIENCE COMPETITIONS & EVENTS 2019

Competition	Date	Time	Venue	Format	Content	Website
Big Science	Thu 23 May	3.30 – 4.30pm	S23	Years 7 – 10 Year level divisions Online 50 minutes Multi-choice style	Real-world questions, problem solving & critical thinking (all disciplines)	<a href="http://www.asi.edu.au">www.asi.edu.au</a>
National Chemistry Quiz	Tue 30 July	3.30 – 4.45pm	S23	Years 7 – 12 Divisions: 7/8, 9/10, 11, 12 Online 1 hour Multi-choice style	Chemistry concepts & their application	<a href="http://www.ancq.com">www.ancq.com</a>
ICAS Science	Thu 5 Sep	3.30 – 4.45pm	S23	Years 7 – 12 Year level divisions Online 1 hour Multi-choice style	Analytical skills, critical thinking & problem solving (all disciplines)	<a href="http://www.eaa.unsw.edu.au">www.eaa.unsw.edu.au</a>
Australian Science Olympiads	7 Aug (CHE), 9 Aug (EES), 12 Aug (BIO), 14 Aug (PHY)	3.30 – 5.40pm	S23 / Sienna Centre	Senior school Subject divisions Pen & paper 2 hours (+ 10 mins reading) Multi-choice, true/false, short answer questions	Knowledge, critical thinking & problem solving (discipline specific)	<a href="http://www.asi.edu.au">www.asi.edu.au</a>
Eco Challenge	Anytime between Feb - Aug	1 – 4 hours (dependent on player activity)	Home / School	Years 5 – 12 Teams of 2 Missions completed in online game world 'Aqua Republica'	Critical & creative thinking, problem solving with focus on sustainability	<a href="http://www.ecochallengeaustralia.com.au">www.ecochallengeaustralia.com.au</a>
Titration Stakes	TBA	TBA	Curtin University	Years 11 – 12 Teams of 3 Acid-base titration exercises	Acid-base volumetric analysis skills	<a href="http://www.racimedcentral.com.au/titration">www.racimedcentral.com.au/titration</a>
Science Talent Search	Fri 23 Aug (judging)	Due to STAWA	Home / School	Years 7 – 12 Personal / group project Three categories: science investigation, engineering, scientific communication	Science concept or problem chosen by the student(s)	<a href="http://www.stawonet/student-activities/science-talent-search/">www.stawonet/student-activities/science-talent-search/</a>

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## SCIENCE COMPETITIONS & EVENTS 2019

### PERMISSION SLIP

*Please return this page to your Science Teacher or Science Coordinator by  
Monday 30<sup>th</sup> April, 2019.*

I give my son/daughter (print full name) \_\_\_\_\_  
permission to participate in the following science competition(s), as described above and the  
relevant website.

*Please tick as desired:*

- Big Science Competition
- National Chemistry Quiz
- ICAS Science Competition
- Australian Science Olympiad (Chemistry Exam)
- Australian Science Olympiad (Earth Science Exam)
- Australian Science Olympiad (Biology Exam)
- Australian Science Olympiad (Physics Exam)
- Eco Challenge
- Titration Stakes
- Science Talent Search

Student Guild: \_\_\_\_\_ Year Level: \_\_\_\_\_ Science Teacher: \_\_\_\_\_

Signature of Parent / Guardian: \_\_\_\_\_ Date: \_\_\_\_\_

*If you know of any other competitions or have any queries about these competitions and events,  
please don't hesitate to speak to your Science Teacher or the Science Coordinator.*

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