



**Murdoch**  
UNIVERSITY

**Murdoch Outreach**

# Year 11 & 12 ATAR Mentoring

Murdoch University is offering free online mentoring for Year 11 and 12 students in chemistry, physics and mathematics – providing additional support to students to complete their senior school studies in these challenging times.

Day	Year 11 Courses 4.00pm-5.00pm	Year 12 Courses 5.00pm-6.00pm
Monday	Physics	Chemistry
Tuesday	Mathematics Specialist	Mathematics Methods Mathematics Applications
Wednesday	Chemistry	Mathematics Specialist
Thursday	Mathematics Methods Mathematics Applications	Physics

An internet connection is required to access Blackboard Collaborate – Murdoch University's online learning platform.

The session content is directed by student needs (rather than one-size-fits-all tutorials).

Parents are invited to register their child's interest by completing the form located here: <https://murdochoutreach.survey.fm/year-11-12-mentoring-program>. Places are strictly limited.

Sessions are led by Murdoch University professionals from the Science Outreach team with tertiary qualifications in chemistry, physics and mathematics, and experience in student engagement and ATAR course content. All presenters hold current Working with Children approvals





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## Mentors



### Dr. Keal Byrne

Dr Keal Byrne is a physicist and science educator, with a particular passion for the science of light. During his career, Keal has been a postdoctoral researcher at the Smithsonian Institution and has designed innovative educational programs for university students; he now leads science education and engagement initiatives for high-school audiences. Keal is the 2020 Chair of the WA Coordinating Committee for National Science Week.



### Caitlin Sweeney

Caitlin completed her Bachelor of Science in Chemistry and Mathematics in 2014 and was recognised for having the highest-grade point average of the graduating chemistry class. Caitlin followed her passion of education into Science Outreach and is dedicated to inspiring the next generation of budding scientists in any way she can. In her downtime she enjoys doing puzzles and playing with her pet rabbit Belle. She is currently studying towards a Master of Education to compliment her scientific skill set.



### Anna Pryor

Anna holds a Bachelor of Science (Honours) in Chemistry and will soon submit her PhD on chemical ballistics. She has worked as an analytical chemist in film and commercial laboratories and consulted on chemistry software development projects. Anna has taught chemistry, engineering and forensic science content to university students since 2005. She joined Murdoch's Science Outreach team in 2016 and loves creating engaging, educational experiences for students and inspiring students to study STEM.