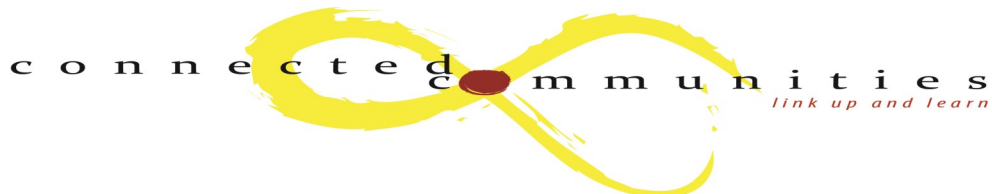




Moree Secondary College delivers a rich and innovative curriculum where students are known, valued and cared for. Central to the implementation of a variety of educational programs is educational excellence for every student. At Moree Secondary College we ignite and inspire students to reach their potential as life-long learners.



FORTNIGHTLY NEWSLETTER

Term 2, Week 8, 2021

MSC Athletics Carnival



Moree Secondary College held their annual Athletics Carnival on Friday, May 28, it was fantastic to see so many participants.

Mehi house won the carnival and we will have full results next newsletter.

*We acknowledge the Traditional owners and custodians of Australia's lands, peoples and waterways
We respectfully acknowledge those that have gone before us*

Science News

Science & Engineering Challenge

On Thursday June 10 2021, a group of students from Years 9-10 attended the 2021 Science & Engineering Challenge at the Crossing Theatre Narrabri, where they competed in a range of STEM based activities against other schools. It is exciting to have these opportunities again and we will report on the success in the next newsletter.

Year 7 Science

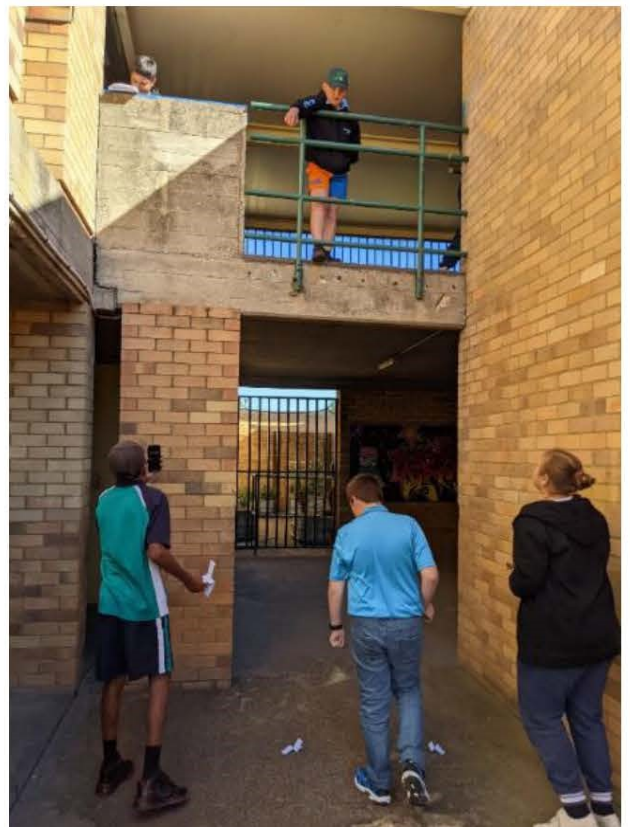
This term Year 7 students have been studying the *"Separating Mixtures"* and *"Geology"* units.

Next term they will be studying the *"Cells"* and *"Classification"* units, where they will be learning the skills they need to safely use microscopes and prepare slides.



Left 7B students conducting an investigation into the expansion and contraction of gases.

Right 7D students testing rotocopters for their SRP (left) & 7B students conducting an investigation into the expansion and contraction of solids (right).



Year 8 Science

This term Year 8 students have been studying the *"Ecosystems"* and *"Chemical Structure"* units.

Next term, they will be studying the *"Chemical Change"* and *"Body Systems"* units.

Year 9 Science

This term Year 9 students have been studying the *"Electricity"* and *"Dynamic Earth"* units.

Next term they will be studying the *"Ecosystems"* units.

Year 10 Science

This term Year 10 students have been studying the "*Reproduction and Genetics*" and "*Evolution*" units. Next term, they will be studying the "*Universe*" and "*Waves*" units. As part of the "*Reproduction and Genetics*" unit, students researched and constructed a 3D model of human DNA.



Above: Year 10 student constructing a 3D model of human DNA.

Year 10 STEM

This term Year 10 STEM students have been undertaking a range of mini challenges and activities relating to engineering and Physics principles. One of these activities was designing and building towers using engineering principles to hold the most weight. Some examples of these are shown below.



11 Agriculture

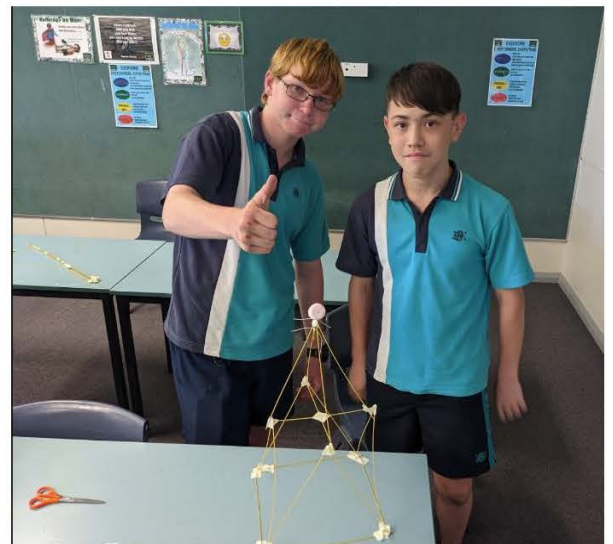
Students have recently undertaken their Farm Case Study. A big thank you to Sundown Pastoral and the staff at Keytah for welcoming the students for the day as they put on their farm manager hats and drilled down into every aspect of running a property. From dealing with the recent natural disasters such as droughts, flooding and mice plagues to the integration of the latest technologies. It was a great hands on practical day and the students gained a wealth of knowledge.

10 Agriculture

Students have been completing the extensive plant production study during semester one on Moree Cotton industry. This involves numerous farm visits to see first hand the cotton growing cycles, harvesting and ginning processes. Recently during a visit to Milo students were lucky enough to see pickers in action experiencing the machines first hand in action.

10 Science

Year 10 have been working their way through genetics and evolution this term, with some great practical experiences. This includes extracting DNA from various fruits and a virtual simulation of survival of the fittest through the xenon Crowe app. Staff are eagerly awaiting the submissions of this terms assessment DNA model and research.



Above: Oats trial starting to germinate at Carol Ave Agriculture plot



Year 11 Agriculture on an excursion to Keytah



Aurora College

Aurora College, the state's first virtual school, commenced classes in February 2015. The school is a NSW Department of Education priority and a key deliverable of the [Rural and Remote Education – a Blueprint for Action](#). In 2021, Aurora shares students with more than 100 rural and remote government schools. Aurora students connect with their teachers and classmates in timetabled lessons through a cutting-edge virtual learning environment which comprises web conferencing software, a learning management system, and a range of communication and collaboration tools. The school also operates one of the state's only fully digital school libraries.

At Moree Secondary College in 2021 we have students in Years 7, 9 and 12 undertaking some of their studies in partnership with Aurora College. Aliyah Quisaot studies Year 12 Chemistry. We have had a number of senior students complete one or more of their subjects through Aurora College as part of their HSC. This highly successful partnership has run for a number of years. This has allowed for a broader range of subjects which can be tricky in rural schools.

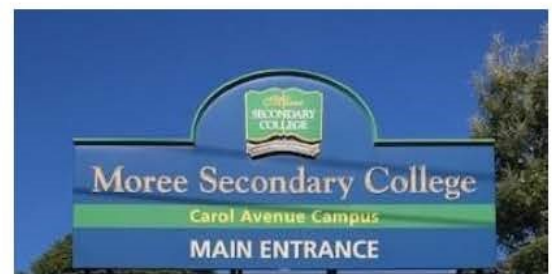


Year 12 student conducting Chemistry experiments with Mr Heard as Science Practical Teacher

This year we also have students enrolled in Aurora's virtual selective school for the first time. Elizabeth Phipps (Year 9) and Isabelle Kelly (Year 7) complete their English, mathematics and science lessons through Aurora's virtual learning environment with students from around the state.



We were very lucky to have Aurora's Deputy Principal, Carolyn McMurtrie and Assistant Principal Serena McLean visit our students in their home schools, to meet with Adrian Heard who oversees the science practicals as well as Melissa Biddle, Jodie Pitman and Shirley Reynolds who are the Aurora College Coordinators who work as the liaison between the schools.





Term 2 Week 9

14 June Queens Birthday – Public Holiday

15 June Trial HSC all week

Year 10 Work Experience all week

Year 11 Retail Work Placement all week

15 -16 June Year 7 Clontarf Dubbo Zoo camp

16 June Year 11 Hospitality Charity golf catering

17-18 June Years 11 & 12 Clontarf beach rugby

18 June Year 7 Geography excursion – Narrabri

18 June NRL Move it Program

Term 2 Week 10

21 June Trial HSC all week

Year 10 Work Experience all week

Year 11 Retail Work Placement all week

Year 11 Hospitality 2/ Construction/Business work placement all week

Opening NAIDOC Week School Assembly

22 June Reference Group – Carol Ave Library 2pm

P&C Meeting – Carol Ave Library 5.30

23 June HSC CAPA Performance Evening

Credit Level excursion

24 June MSC NAIDOC Awards Ceremony & Activities Day

25 June Term 2 ends