

## Engineering Work experience

Year 10 student Tom Ryan spent 10 to 14 August working with host employer, Mr Peter Lynch, of Pelena Energy: Engineering Design and Consultancy.

Mr Lynch reports that Tom was involved in a number of activities at Pelena Energy including investigating forces associated with a proposed 'jet deflector' for use with a prototype hydroelectric turbine. The starting point was to manufacture a selection of nozzles using a lathe, fit them to the end of a pipe, and test the performance of each nozzle using a pump to deliver the water. The performance of each nozzle was assessed against flowrate, pressure drop, and smoothness of the exiting water jet. The photo below shows Tom holding the nozzle assembly, whilst an ex-Dorrigo High School student, monitors a pressure gauge.



Tom says that it was a great experience. *I learned many different aspects of engineering, from materials required to make different products to beginning to understand how different systems and products function. Overall, it was a really good learning opportunity and has given me much thought for my future pathway. Thank you Pelena Energy for allowing me to view your work place and showing what engineering looks like.*

**Mrs McQueen - Careers Adviser**



## Lockers for Year 11

It is with great excitement that the Year 11 lockers have arrived and are now in place for use by all current and future students in Year 11. The delivery date of the lockers has been hampered by the unusual circumstances that have occurred this year and after one delivery of the wrong lockers we now have an excellent resource in place to help support our

## Important Dates

25 September

- Last day Term 3

12 October

- Students and staff return to school for Term 4

20 October

- Year 6 transition half day 1.30pm - 3.15pm

3 November

- Year 6 transition half day 12.00pm - 3.15pm

12 November

- Year 12 Graduation Assembly, 9.20am

14 November

- Year 12 Formal

1 December

- Year 6 full day transition 8.50am - 3.15pm

15 December

- Awards Presentation

hard-working Year 11 students. The acquisition of the lockers was driven by our current Year 11 students, with particular acknowledgement given to Clio Ridley, who presented a very convincing case to the school executive. Appreciation also to our general assistants, Glenn and Greg for the installation of the lockers.



## Principal's Message

The last two weeks of term have continued to be full of opportunities for our students. Last Thursday we heard speeches from Year 11 students who have nominated for 2021 School Captains and Vice Captains of Dorrigo High. All five candidates presented compelling visions for how they viewed leadership and how they can further improve Dorrigo High School. Congratulations to the candidates – Ben Ridge, Annie Sibanda, Clio Ridley, Jonah Colburn and Kain Cook.

Developing leadership skills and then demonstrating these skills is a strength of Dorrigo High School. This is most evident in the Dorrigo Sports Day organised by the SRC.

On Thursday our budding writers will be participating in the 'Write a Book in A Day' competition. We look forward to reading their contributions.

Term 4 begins on Monday 12 October for Years 7 – 12. There will be classes in the holidays for HSC students. It is important that students attend these classes to assist them to continue to develop a deeper understanding of subject content.

**Ms Hutton**

## Group School Photos

School Captain, Year 12 Funny and SRC group photos are available to purchase online at:

[ios.academyphoto.com.au](https://ios.academyphoto.com.au)

You will be prompted to enter a shoot key.

SRC and Captains - **NF62HP9D**

Year 12 Funny - **C6PLSMX5**

## Creative Revision

Year 12 have been revising modules for HSC Advanced English lessons using the Jeopardy Game Show format.



## Write a Book in A Day

Dorrigo High School students will be participating in the 'Write a Book in a Day' competition. This is a fun and creative team writing competition for students in Years 5 - 12, with some very unique aspects:

- It involves a collaborative team effort, where students plan, write and illustrate a book.
- Every story grows from a unique set of parameters that are given to each writing team.
- The book must be completed within 12 hours.
- Completed books are shared digitally with children in hospitals across Australia.

Invited students will meet in the school library at 7.45am on Thursday morning for a fun, creative day.

## Canteen Open

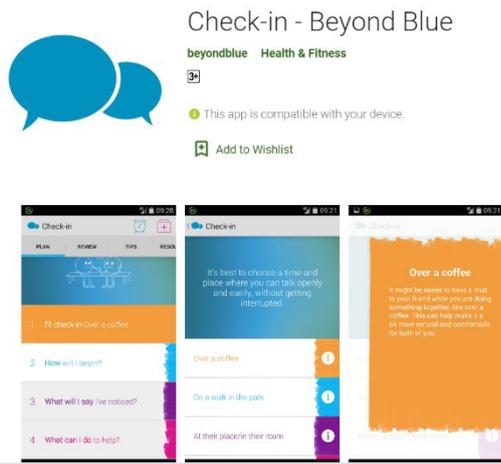
The canteen will be open Monday, Tuesday, Thursday and Friday of Week 1, Term 4

Food Technology Requirements		
	Term 4 - Week 1	
7	<b>Bruschetta</b> Between two Students need to bring 1 ripe tomato	Tuesday 13 October P1 & P2
9/10	<b>Invention - New Food Product</b> Students need to bring ingredients as per food order sheet	Friday 16 October P3 & P4
Senior Hosp	<b>Practicing Coffee</b> Individual work All ingredients supplied	Tuesday 13 October P3 & P4
Term 4 - Week 2		
7	<b>Penne Chicken Pasta Bake</b> Between two Students need to bring 100g cooked chicken and broccoli or other green vegetables	Friday 23 October P3 & P4
8	<b>Pizza Scrolls</b> Between two Students need to bring 2 fillings eg. ham, pineapple, capsicum, olives, salami	Tuesday 20 October P3 & P4
9/10	<b>Chocolate Mousse</b> Between two Students need to bring 330g dark chocolate and 300ml cream	Thursday 22 October P5 & P6
Senior Hosp	<b>Afternoon Tea Treats</b> Individual work Students need to bring ingredients as per food order sheet	Tuesday 20 October P1 & P2

### Week 10 Wellbeing report

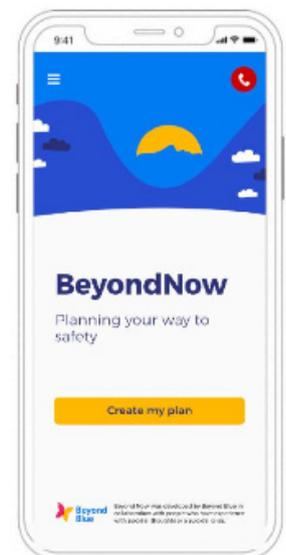
Thursday 10 September marked the National Day of Awareness for Suicide Prevention – “R u ok?” Day. This year’s theme was - There is more to say after “R u ok?”. All of our students engaged in an information session and activities during year meetings and a small group joined Ms Dawson at lunch for a more detailed workshop.

During the lunch time session, students were shown two very useful apps which have been developed by Beyond Blue. The “Check- in” app is designed to help young people plan how to start a conversation.

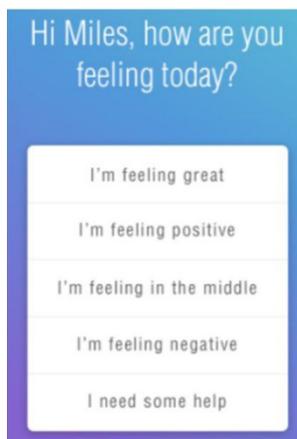


It is a step-by-step guide that can help young people find the right words to express their concerns about a friend they believe is experiencing emotional difficulty. It also provides a number of resources and tips about how to support their friends during these difficult times.

The “Beyond Now” app is designed to help young people, who are experiencing thoughts of suicide, to plan for their own safety. Both apps are free and are available for both Android and IOS systems and are highly recommended by mental health organisations.



Our school continues to encourage students to “check-in” weekly via Pulse. The check-in data provides valuable information on our students’ wellbeing and enables Year Advisers and wellbeing support staff to be proactive in their wellbeing approaches. Students can “check-in” as often as they like and this can be done at home as well as at school. Students just need to log-in via their school DET email. Please encourage your children to complete this “check-in” as often as possible.



As always, if you have any concerns about the wellbeing of your young person, please do not hesitate to contact the school so that we can work with you to ensure the ongoing positive mental health of all our students.  
**Ms Dawson**

### Student Schedule Cover Competition

Local school students have submitted their *Women in Agriculture* themed Show Schedule cover designs for the 2020 Show, before it was cancelled. We would like to display them, have the public judge them and keep the winning designs for next year.

We will not announce the winners immediately, so the winning covers will still be a surprise.

This is what we will do:

- Display the 28 entries in the windows of Vinnies. The only identification on each entry will be a number.
- Run the display from 28 September until 16 October 2020.
- Put a table with ballot papers, a pen and a ballot box outside the front door of Vinnies.
- Give each participant a small prize for entering.

This is all you need to do:

- Decide which exhibit will get your vote.
- Write the number of that exhibit on a ballot paper.
- Put the ballot paper in the ballot box.
- One vote per person.

We will be running more Student Art competitions over the coming months.

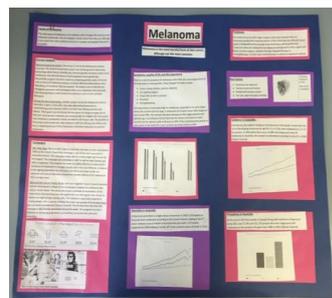
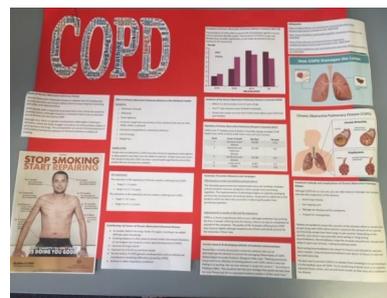
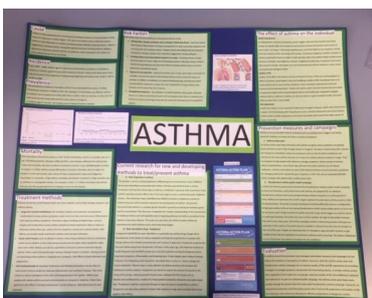
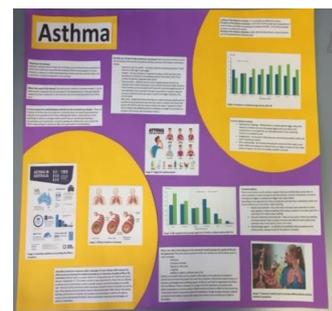
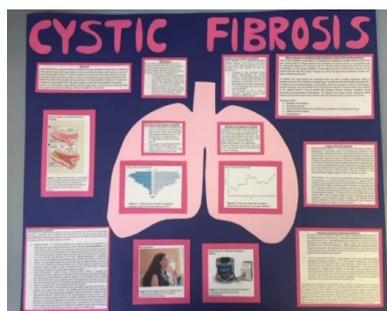
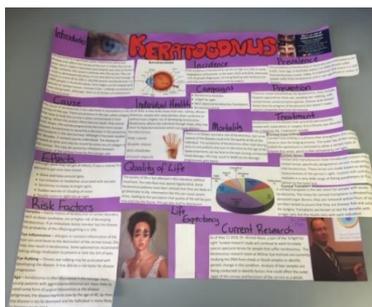


## Senior Biology Non-Infectious Disease posters

Senior Biology students have been studying about the incidence (rate of new cases of a disease), prevalence (how many people have the disease at a certain point in time) and mortality rates (how many people die) of various non-infectious diseases. A non-infectious disease is not caused by a pathogen (such as a virus, fungi or bacteria) and could be caused by nutritional, environmental or genetic factors. Students were asked to research about how their chosen disease affected the quality of life of a person, campaigns to draw awareness to the disease (and also how to avoid it) and future research in how to combat the disease (such as recombinant DNA technology or immunotherapy drugs).



Some of the diseases that students researched were: Obesity, Asthma, Cystic Fibrosis, COPD, Lung cancer, Keratoconus, Grave's disease and Melanoma.



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<https://sls.com.au/join/>

All new nippers must provide a copy of their birth certificate to [urungasurfclub@gmail.com](mailto:urungasurfclub@gmail.com)

Visit our website

[www.urungasurfclub.com.au](http://www.urungasurfclub.com.au) for more info or call Lou on 0437 170 738

18th October: Proficiency Swim (U8-U14's) - Jetty Beach 9am

25th October: First Day of Nippers at Hungry Head



No days lost	10 days lost	19 days lost	29 days lost <i>* the same as half a term!</i>	38 days lost	47 days lost
100%	95%	90%	85%	80%	75%
190 school days each year	180 days of education	171 days of education	161 days of education	152 days of education	143 days of education
<b>GOOD</b>	<b>WORRYING</b>			<b>SERIOUS CONCERN</b>	
Best chance of success - Get your child off to a flying start	Less chance of success - Makes it harder for your child to progress			Not fair on your child - Possible court action	