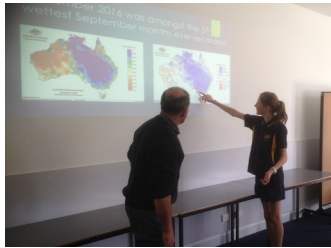


November

Maths Matters
Students across the P-12 campus have once again been made aware of the TAP and STEM curriculum possibilities. In Year 4, 5, and 6 students calculated the probability of success in sexing incubated eggs. Year 6 students were challenged to calculate the costs to repair and replace fences and infrastructure lost in local floods in the 'I've got a problem' maths unit.

Students in year 10 built models of pivot irrigators, while Maths Methods students completed a SAC based on probability and sampling to detect the prevalence of a disease, calf scours, spreading through a population.



December

App Development
Mrs Broomhall and five of the Year 4/5 Farm Safety 'master gamers' were invited to the Portable Studios in Collingwood to assist the digital design and innovation company develop and test the farm safety game students are helping create as part of the Dairy Australia Farm Safety platform.

Chicken Community Partnerships
The Year 6 students were invited back to TDHS for

Christmas festivities. Students and chickens were decked out in Christmas attire and chook cuddles and stories were shared. Ancestries were established with PAG members knowing many of the parents and grandparents of the students involved.



We are grateful for the support of Dairy Australia, WestVic Dairy and the Gall Family Foundation.

TAP's On! 2016

It's not often you see an alpaca, next to a tram conductor, opposite a flooded fences workshop, around the corner from a student designed robotic dairy game.. and the list doesn't even include the numerous local businesses who participated in the day. Five hundred students from TP-12, Simpson Primary and Nullawarre Primary participated in a series of peer-led workshops and displays. The Red Carpet screening of the Heywire TRACTA films showcasing 5 local agribusiness people and their respective career paths was a feature. A new addition this year was the inclusion of Pop Up markets featuring local foodies as a way of showcasing the magnificent produce and businesses in our region.



<http://www.timboonp12.vic.edu.au/>



2016 HIGHLIGHTS



...a continuing partnership to improve student learning

The TAP is a partnership between Timboon P-12 School and our regional industries, businesses and community with over 346 individuals providing direct curriculum assistance to teachers and students since the TAP began in August 2012. In 2016 the TAP has been showcased on ABC's Landline, the PIEFA (Primary Industries Education Foundation of Australia) Conference in Canberra, the Deakin University Geelong STEM Educational Conference, a virtual conference for Deakin MTeach students and introduced at the Cities Division of the Department of the Prime Minister pathways workshop in Launceston as an opportunity to improve employment pathways, retention and attainment where it was cited by participants as an outstanding example of community engagement and "...a workshop highlight".

January

Landline

The TAP has been showcased to Australia! After weeks of anticipation, our ABC Landline report was aired on 31st January and the story with Kerry Staight and her crew highlighting our innovative applied learning school and community partnership. The program, "Farm Studies", demonstrated that at Timboon P-12 School we do not run agricultural studies as a single subject, but that we incorporate primary industries across our entire P-12 curriculum. The feedback has been overwhelmingly positive and we continue to congratulate our creative teachers, engaged students and supportive community and industry partners. The story can be viewed here-

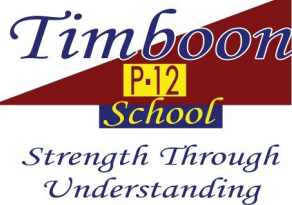
<http://www.abc.net.au/landline/content/2015/s4397362.htm>



February

Cows for Sale

In the wake of the publicity generated by the Landline story, orders were placed for some corrugated cows and a sheep for the gateway of a rural property. Our Year 11 VCE Product, Technology and Design students have also been taking orders for cow sculptures and have produced a cow and her calf which proudly greet visitors at Apostle Whey Cheese, thanks Julian and Dianne!



"WE VALUE OUR FARMING COMMUNITY AND WE ARE THERE TO SUPPORT THEM WHEN TIMES ARE TOUGH"



The Coast FM Breakfast Team (Monkey, Loggy and The Big Fella) enjoyed the opportunity to host live from our school in June 2016. This event was organised to let our farming community know we are there when things get tough. The event was well supported by local businesses. Thank-you to; Timboon Takeaway, Timboon Moo Juice, Timboon Butchers, Timboon IGA, The Fat Cow, Schulz Organic and the Timboon Provadore for dedicating their time and resources to make our brekkie a success. A big thank you to former student Nathan Hunt (Coast FM) for making the show possible. We have a wonderful community!

March

Cows Create Careers

Year 7/8 CCC Science elective students were introduced to investigating scientific reports and cow/calf nutrition and health. Guest speakers included dairy farmer Andy Powell, WCB Field Officer, James Maxwell and vet Zoe Vogels. An excursion to Byron Smethurst's calf rearing facilities and Powell's rotary dairy allowed students to observe best practice and the technology used on modern dairy farms.



Award Winning Cakes

Year 7/8 Tech students were successful at the Heytesbury show.



April

Welcome Lily and Bella Industry advocate, Simone Renyard, and ex student, Peter Fulton, outlined the CCC project where students have to feed and monitor calves, research chosen aspects of the dairy industry and produce a multi-media project or sculpture.



TAP Poultry Program

Ridley Agriproducts is again sponsoring our TAP poultry program,. Students were able to formally thank Ben Boyd for their generous donation of layer and grower food.



May

Community Connections

As the only lavender farm between Portland and Apollo Bay, the Yr 7/8 Economics Lavender students were approached to supply lavender for the Fun4Kids Festival which takes place in Warrnambool over the school holidays. Organizers purchased 15kg of Riverina Alan so that participants can produce lavender bags and bath bombs at the Festival.

Pen Pals



Mrs Berry's Year 4/5 students corresponded with Year 4 students from their sister school, Lysterfield Primary School, as part of the Discover Dairy Student Pen Pal Program. The Pen Pal Program is aimed at connecting classrooms from different parts of the country.

June

Stephanie Alexander Kitchen Garden

Year 4/5 students worked on a roster system to make scrumptious lunches that have been sold as pre-ordered meals through our school canteen. The culinary delights have included curried sausages, shepherd's pie, spaghetti bolognese, etc.. with more produce expected when our garden's spring flush hits.



CCC Conclusion

Students visited their CCC calves on Peter Fulton's farm and toured Bruce Cashmore's property to learn about natural resource management. A panel of presenters outlined their career paths in agriculture to demonstrate the opportunities available.

Visit the tap blog: <http://timboonagproject.weebly.com/>

TAP - MAKING THE CONNECTIONS



July

Sheepvention Maths/ Science

To contextualise their observations about sheep, the Year 7 students toured Sheepvention where they were made aware of the various STEM applications in the wool industry.



Camembert Success

The Year 8 Science students participated in the Big Day Out celebration event in Hamilton with games and dairy quizzes as part of the Dairy Australia "Camembert in the Classroom" project. For the second year in a row, Timboon P-12 students successfully produced the best cheese as judged by Russell Smith. Congratulations to all our community supporters and our cheese makers extraordinaire!

August

George the Farmer

The Year 3 students were fortunate enough to host Simone Kain, the author of "George the Farmer", during a skype session as part of their English classes on author's intent and story telling. Students researched various types of farms and were then challenged to create and publish their own farm stories.

Drones, Droids and Robots. Family Science Night.

A technology theme was the focus of this year's family science night. Adam Howell from DeLaval and drone enthusiast Wendy Couch judged creations in the family robot challenge.



September

TAPping into Harleys



As part of the Year 9/10 Commerce \$20 Boss elective, students visited Andy Martyn who owns Triple A Cycles. Andy outlined his career path which stemmed from his Year 10 work experience placement on small engines to work on Harley Davidsons and 4 wheel motorbikes.

A Local Disaster

In a study of natural disasters, Year 6 students learnt about the local impact of the Ash Wednesday bushfires as outlined by Naringal CFA member Kelvin Boyle who described the fire's path and the changes instigated after the disaster.

October

Year Prep/1 Bullens Wholesale Nursery

To extend Prep/Year one students understanding of what plants need to grow, Trevor Bullen explained that all the plants in his nursery need healthy soil, water, light and constant temperatures to grow well.

Keeping Kids Safe on Farms

The Year 4/5 TAP into Farm Safety excursion gave students the opportunity to demonstrate their knowledge and reinforced their learning about farm safety. This was introduced by WorkSafe Officer, Alison Dennis.

Collaborative Coding

The Year 7/8 Collaborative Coding class is a Science based community partnership that investigates how to code and work in a team. Students also learn how technology is used to support agriculture with drones, droids and robots. Students observed world class robotic technology operating in a regional robotic dairy business.

Genetic Manipulation

The Get into Genes travelling workshops introduced Year 10 and 11 students to the fundamentals of DNA and plant breeding. Students later refined their knowledge by observing embryo transfers by local vet, Peter Younis, at the Hibberd farm.

