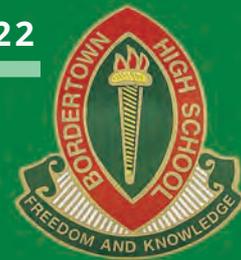


BORDERTOWN HIGH SCHOOL

Newsletter



Over the past few weeks, it has been fantastic to see some school activities return to normal. Students have been able to be involved in a number of sporting events and camps, which have returned to the school calendar. Students have competed in Football, Knockout Hockey and Cross Country over the past two weeks, while the Year 11 Careers and Ag Excursions, as well as a Cattle Handlers day in Mt Gambier have also allowed students to continue their learning in different environments.

Congratulations to Chloe Tonkin and Brian Matindi who surprised us all by getting married in the school holidays! The staff and students wish them every happiness for their future together!

While our school routines start to return to some normality, the impact of COVID continues to impact student wellness, attendance and learning. Parents are asked to continue to report to us if your child tests positive, as our numbers are monitored daily by our department. While rules in relation to the wearing of masks has changed, students are still highly recommended to wear masks to reduce the risk of transmission of the virus. Staff will continue to have these available in all lessons and encourage students to wear them. A letter was recently emailed home, explaining the changes to the department's processes and what actions will be taken if numbers rise in our school. The use of relief teachers to cover absent staff has also had an impact on our students, and unfortunately this is going to continue while this virus impacts our community. These sudden changes to who is teaching in the classroom on a particular day does impact some students, but this is unavoidable in the current circumstances.

Over the past 3 weeks our Year 7 and 9 students have participated in NAPLAN testing. NAPLAN allows students and their families, as well as the school to gauge where students are at with their learning. The results from NAPLAN also allow the school to focus on the areas students need more support in and helps drive our Site Improvement Plan. We have been notified that we have been selected to be in an ACARA trial similar to NAPLAN.

Our school continues to monitor the progress of students regularly throughout the year. Staff are currently completing 'traffic light' checks across all year levels, seeking information on how students are progressing with their studies in all subject areas. This process alerts the leadership team to any students who are struggling academically and allows us to monitor and intervene where needed, if a student requires support.

Last week our SRC quickly organised a fundraiser to support the 5TCB Radiothon. Students had the opportunity to come to school in casual clothes and the donations from this and a money line, raised \$400 towards the Radiothon. Well done to the SRC and students for getting on board with this local fundraiser.

IMPORTANT DATES

JUNE

- 6 Yr 7/8 B'ball - N'cte
- 9 SSSA Cross Country-Oakban
- 10 Student Free Day
- 13 Queens Birthday
- 22 Yr 11/12 B'ball - Millicent

JULY

- 8 Last day of term - early dismissal 2:25pm
- 25 1st Day of Term 3
- 27 SATAC Parent meeting
- 28 Yr 9/10 Netball - Penola

We acknowledge the Traditional Custodians of country, the Potaruwutj people and recognise their continuing connection to land, waters and culture. We pay our respect to elders – past, present and emerging.



Principal's Report cont.....

This week is National Reconciliation Week (27 May – 3 June) with the theme 'Be Brave Make Change'. Mrs Matindi, along with Mrs Duell and the Civics class, have been organising some activities to improve awareness and understanding of Aboriginal and Torres Strait Islander culture, and the historical reasons and importance of acknowledging Reconciliation week. Students have created a display in the main corridor, while Mrs Matindi has been providing information to be shared in homegroup time. As Australians, we all have an important role to play in understanding reconciliation and building respectful relationships that recognise the histories and cultures of Aboriginal and Torres Strait Islander people.

Alicia Keatley
Principal



SRC REPORT

Last Friday the SRC held a casual day to support the 5TCB radiothon. With only short notice prior to the event, students and staff were very supportive, giving generously through the casual day and money line held at lunch time by the SRC. In total the event raised \$400, which was greatly appreciated by the 5TCB crew.

The SRC would like to thank all students and staff for their generosity on the day, supporting our local community and a positive representation of our school.

Best Regards
Henry Dahlitz SRC President



Year 11 Ag Trip

This year we managed to get away for our (usually annual) Year 11 Agriculture Study tour. The main aim of this trip is to expose students to a vast range of employment opportunities within the Agriculture sector as well as identify the ways in which technology is helping improve food security in Australia and across the world. This year, we decided to stay closer to home and explore a variety of business in the South – East. We were astounded at both the technology in use and global market connections right here in our back yard.



The following is a brief overview of the places we visited:

Day 1

Southern Cross Feedlot (Tintinara)

Owned by Thomas Foods International, the feedlot with a current capacity of 16 000 head is expanding to 30 000. Ninety five percent of the cattle are Angus, which is exported to China. The remainder go to the Domestic market (Woolworths). Once the expansion is complete the feedlot will employ up to 45 people in a range of positions such as livestock crew, pen riders, feedmill staff, loader drivers, maintenance and admin.

The feedlot turns out 50 – 60 thousand head of cattle per year, has a capacity to store 450t of barley, which equates to about a weeks worth of grain on property. Further grain is warehoused at the Viterra silos in Tintinara to carry them through. The barley is tempered in water overnight to increase the moisture from 11% to 22-23% to stop the Barley becoming dry and flaky when milled creating a flat porridge like material. The ration fed consists of Barley as the main cereal (sometimes wheat), with protein rich feeds sourced from Cotton seed (since the GMO ban was lifted), Almond hulls (cheap to source) Canola meal, soybean, lupins, corn silage and or cereal silage depending on availability or price.

Domestic steers are placed in a feedlot for 60 days with the aim to produce same size steak with similar marbling suited to bulk turn out for supermarkets. Export steers are in the feedlot for 270 days and have more marbling and suited to higher end restaurants. European Union (EU) cattle are lifetime traceable with cuts broken down and sent to other countries.

Southern Cross feedlot are continually looking for ways to improve efficiency especially given the large expansion underway, for example, they are building a new poly lined dam on site to water the cattle, and the manure cleaned from pens and effluent are mixed into fertilizer to use on crops, sold commercially and used to reline pens (as it stops cattle digging). Ultimately they would like to studying genomics of cattle coming into feedlot by DNA sampling and deciding the value of feeding for marbling based on their genetic disposition.



Ian & Mel Zadow Honey Farm (Tintinara)

Ian and Mel have 600 hives in operation. They are migratory beekeepers who travel to the South East, Riverland, Mallee & West Coast of South Australia. The honey they produce as a result is Blue Gum, Mallee and Lucerne. They sell all their honey in bulk to Capilano. In favourable conditions, one hive can produce up to 140kg of honey per season (August to March). Each time a load of bees is delivered to a site, water is also dropped there to reduce risk to locals. One truck load of hives can drink up to 200 litres of water.

Bees wax is a side product they produce 1-2t per year but attracts a premium of \$20 per kg. Zadows offer pollination services for lucerne and almond farmers.

They make all their own boxes and much of the 'off season' is spent making repairing and painting boxes. Boxes are painted different colours as it helps bees from that box to navigate to the right one.

Where to place bees has changed over time with the eradication of weeds such as salvation jane and skeleton weed which used to be reliable ground flora for bees. Biggest threats to bees aside from changing/declining food sources are AFB (American foul brood) a bacterial disease that affects bees. Other diseases they constantly on the look out for include EFB, Chalk brood, Sac Brood, Wax moth, hive beetle and some exotic pests including Varroa mite, tracheal mite.

Over the years, they have shifted from mobile to central extraction. Reducing the physical labour required with hydraulic hive lifters, scales, cameras on water tanks and sensors in hives.



Year 11 Ag Trip

Wayne Celvin – Kelpies (Tintinara)

Wayne's focus is to identify pups that have a natural instinct to work so minimal handling in the first several weeks. Pups are weaned at 6 weeks and then started on sheep at 12 weeks of age. Each pup is given a chance on their own with 2 sheep just to observe their natural behaviour with the sheep. At 16 weeks taught to stop, sit and lead with a collar and 3m lead. They are worked in triangle 4 x per day on these simple instructions.

Then pups are taught to move behind (clockwise) and around (anticlockwise) direction. Focus is on trainers body language rather than voice command. Eventually taught balance: behind – to side of sheep, emphasizing the S in Sit to eventually distinguish Steady from Sit. Focus on repeating same basic instructions over and over and being consistent and rewarding correct behaviour.

High demand for both trained working dogs and 'pets' (left over pups that don't quite cut the mustard in the yards). It certainly 'looked' easy to train a dog and I'm sure many kids (and I) were going home to try out a few techniques on our not-so-well-behaved dogs at home!



Alpha Group Water Monitoring (Keith)

This business designs solutions specific to farmers needs. Mostly soil moisture monitoring but enviroscan tubes can be designed to sit underground, above ground or made to suit the environment (eg fencing) as required.

Electrical impulses are counted and then calibrated to mm or ml or whatever is requiring measurement. They have weather station set ups and attachments suited to tank depth measurement. Leak detection units attached to water meters are also popular and proven to save customers thousands of dollars in lost water.

Technology has allowed remote monitoring improving efficiency for farmers and or farms in remote or regional areas. Like everything these days a mobile phone App can alert the farmer of issues or levels as required. The bonus of going with Alpha-Group for water monitoring is that they are locals who will answer the phone, or visit the site and solve problems on an as-need basis.

Day 2

Humpalicious (Robe)

This Camel farm has 100% renewable energy through wind and solar, nickel / iron batteries with electrolyte that produces 20-25kw power. Back up diesel generator for the days with no sun or wind. In the future will look at hydrogen production.

Camels originally sourced from the wild and then trained to be milked. Currently milking 10 cows. Gestation for Camels is 15 months, the calves are kept on cows for 4 weeks and if at that time the calves are doing well, the cow and calf are yarded and separated at night, the cow is milked in the morning and then rejoined with her calf for the day. Calves are handled from birth.



Currently milking 10 – takes a long time with a specially designed cup system (from both existing cow/sheep and goat systems) – camels are very difficult to milk as their teats are not uniform and they can choose when to let down or hold back milk from one two three or all quarters. Camels can live for 50 years, but typically are milked from 5-6 years of age.

Camels prefer a diet full of roughage. Water and salt are also imperative for their survival. Hay is fed as are specially formulated pellets. Rock salt is supplied that camels need to stay healthy. Camel milk is unique as it is non-allergenic and nutrient dense. Because of the difficulty in extracting it, it retails at \$18-\$20 per litre.



Sky Seafood (Robe)

Core business is exporting live crayfish to China. Crayfish are bought direct from boats from Robe and Beachport and weighed for payment to fisherman. Crayfish are put in tanks and the temperature is reduced to 4.3 degrees at which point the crays become dormant. From here they are boxed in Styrofoam on wood shavings and spend 24 hours travelling to China. Approximately 65 boxes of 6 large (2.2kg) or 22 small (under 600g) crayfish. The crayfish can survive for up to 36 hours out of water like this.

Industry is very dependent on Australia- China relations with trade disputes having major ramifications for the business. This business also reliant on fishermen reaching quotas early or late in the season.

Sky seafood also sell crayfish and other fish and specialized products at their door to locals and tourists.



Mikes Beef Jerky (Robe)

Business started at home now supply to 300 stockists across SA, with 90% of jerky sold through Foodland, IGA and OTR. The beef jerky is smoked not dehydrated. They order 1 tonne of silverside every week from Midfield meat. From this they produce about 500kg jerky. They prefer a lean meat with little fat, as whilst fat usually provides flavour it causes the jerky to go off quicker.

The silverside (or occasionally eye or round steak) is trimmed of fat, sliced into 10mm strips and covered in spices. The meat spends 4.5 hours in the smoker before it is chopped into small pieces and packaged into 90 gram packets. The weighing of packs has been automated and in the near future more of the packing process will be automated to save repetitive labour intensive jobs. Nitrogen is put in the packs to keep it fresher for longer.

Beef prices increase directly impacts bottom line (up to 46%). 90g bag of jerky retails for \$8.95. This business has the potential to go global but they find it VERY difficult to find staff, without staff they would not be able to keep up with the demand.



Day 3

Clark's Robotic Dairy (Mount Cambier)

Clark family have 6 robots that milk 480 cows. The cows voluntarily enter the dairy between 1-4 times per day. The robots operate 24 hours per day with an automated gate grazing system so cows have to walk through dairy to get to the fresh paddock.

Each cow has a unique collar that is read by the robots and at the entry/exit gates. The robot can read the cows ID, weight and what paddock it has been in. During milking, the robot contains sensors and lasers which scans the udder before washing, sanitizing and attaching the cups. It is then able to collect vast amounts of data such as the amount of milk in each quarter, the presence of colostrum, antibiotics, mastitis, cell counts, colour, fat and protein levels. Each cow produces an average of 25Lts per day, with an average milking time of 7 minutes. Milk is collected once per day from the farm and sent to Warnambool.

Calves are housed in shed on bark chips. An automated calf feeding system reads the calf's electronic tag, adjusting the amount of milk available over a 24hr period.



UDC (Penola)

Processes 240 million litres of milk per year into (mostly) skim milk powder, AMF (fat) and cream (both fresh and frozen). Buyers of skim milk both in Australia (Nippys, Oak, Bulla, Streets etc) and across the world. Countries like Saudi Arabia buy the powder and fat separately and then put it back together on arrival for a 'fresh' milk supply.

It is a highly automated plant that is run by as few as 5-10 people, in a four day on, four day off 12hr roster. Owned by the Midfield group, employment opportunities are both plentiful and diverse. Gap year students are offered \$70k per year where they start by running the packing robot then can diversify into an area they are interested in. Range of career options including: floor staff, truck/ forklift and other machine drivers, marketing, engineering & maintenance (in all areas), pilots, lab technicians, scientists etc.

The facility runs initial testing on the milk deliveries out of the truck and then in the built-in QA Lab further extensive testing is undertaken. Range of constant testing includes: fat, protein, moisture, pH, lactose, antibiotic residue, as well as bag weights, seals, damage etc.

The plants core business is separating the cream from the milk and then drying and packing in 25kg bags of skim milk powder. Cream is sold fresh (by shuttle full) or frozen in 10-20kg blocks. Ten litres of fresh milk roughly converts to 1kg of powder. Ninety percent of the water extracted is reused in the facility for cleaning and watering land.



Overall it was a great trip where students learned a lot and certainly had a lot to think about in terms of their future career in the Agriculture industry as well as where their food comes from!

Kate & Helen



Year 12 Coffee Tables

Practical Task included making metal frame for table with wooden top and draw. Students also had to complete an evaluation and testing the wood.



Material Testing - create a multimodal piece to address design criteria. Pressure testing wood to see how it holds up with lots of water!



FOOTBALL

YEAR 9/10 BOYS

SPORT

On Tuesday of Week 4 our Yr 9/10 Boys football team travelled to Naracoorte to participate in Round 1 of the Statewide boys football competition. This is the first year of this competition with Year 7's now in high school, so was a very similar team to our Yr 8/9 team from last year.

Our first game for the day was against Naracoorte High School. Naracoorte defeated us in this competition last year and were missing some players. This gave our boys some confidence and they played good team football, controlling the game throughout. We had a 22 point win in this game which meant that we progressed through to the winners final against Millicent.

Our second game against Millicent High School started well with us dominating the scoring early, as the half progressed Millicent got on top and were leading by 1 point at half time. Bordertown were still in with a good chance. As the second half got underway, Bordertown gave away some undisciplined free kicks which gave Millicent momentum and they ran out 20 point winners.

Some of the better players throughout the day were Lachy Glynn through the middle, Ned McCarthy up forward and in the ruck and Tom Rogers in the backline.

Well done to all the players and thank you to Huk Scown for coaching the team. Unfortunately we do not progress to the next round.



YEAR 7/8 BOYS

On Thursday of week 4 our Yr 7/8 boys football team travelled to Keith for their first round of the School Sport SA Statewide football competition.

Our first game for the day was against Naracoorte High school, who had some big and strong players. Our smaller players battled hard but were outplayed in wet and slippery conditions.

Naracoorte got the early lead kicking 5 goals to our 1 in the first half and never looked back. The final score was 2 goals 3 to 6 goals 9 Naracoorte's way. This meant that we met a combined Upper South East team in the consolation final.

In our final game we played a strong game against a weaker opposition easily winning 14 goal 4 to 3 goal 1. Players were able to move around into different positions and share the ball. Special mention to Archie Dahlitz at full forward kicking 8 goals.

It was a good opportunity to get the players involved in the game and it was good to see Finnigan Quilter play his first ever game of football helping us out when we were short on players.

Thank you to Huk Scown for coaching the team but unfortunately we do not progress through to the next round.



CROSS COUNTRY RUNNING

INTERHOUSE

Cross Country has again been the focus early in Term 2, with the students practicing in PE lessons and competing in our own competition in Week 4. We created a new course this year as roadworks by the Football oval restricted our usual track. This year's course focused on the school grounds and down around Virgo park. The students all embraced the challenge of cross country and competed with enthusiasm and effort.

The winners were:

13 YR OLD BOYS 3KM

Winner: Jack Will

Runner Up: Joe Wiese

13 YR OLD GIRLS 3KM

Winner: Alekza Meakins

Runner Up: Ella Wegener

14 YR OLD BOYS 3KM

Winner: Toby Excell

Runner Up: Archie Dahlitz

14 YR OLD GIRLS 3KM

Winner: Grace Lusher

Runner Up: Madeline Mead

15 YR OLD BOYS 3KM

Winner: Ned McCarthy

Runner Up: Campbell Will

15 YR OLD GIRLS 3KM

Winner: Eliza Orrock

Runner Up: Ella Jozeps

16 YR OLD BOYS 4KM

Winner: Rylen Croser

Runner Up: Harry Meakins

16 YR OLD GIRLS 3KM

Winner: Andrea Fuentes

Runner Up: Hayley Twigden

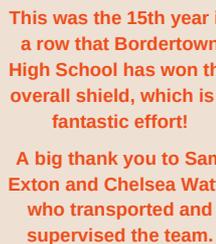


Well done to all the competitors and staff that assisted!

From this competition we selected a school team that competed at Mt Gambier in week 5 and some age groups will also compete at the School Sport SA Cross Country championships at Oakbank on Thursday 9th June.

MT GAMBIER TEAM

Bordertown High School attended the 2022 South East Zone Cross Country in week 5 at Malseed Park in Mt Gambier. Our students conducted themselves well with Bordertown High School being awarded 5 of the 10 age group shields (the first three runners finished from each school in an event) and the overall winners shield. Well done to everyone who participated particularly the students that ran in older age groups to make up teams.



This was the 15th year in a row that Bordertown High School has won the overall shield, which is a fantastic effort!

A big thank you to Sam Exton and Chelsea Watts who transported and supervised the team.

Well done!

13 YR OLD BOYS

Jack Will.....6th

Joe Wiese.....8th

Joe Rowett.....12th

3rd in Age Group Shield

13 YR OLD GIRLS

Talise Phillips.....7th

Ella Wegener.....9th

14 YR OLD BOYS

Toby Excel..... 2nd

Archie Dahlitz.....3rd

Connor Orrock.....4th

Age Group Shield Winners

14 YR OLD GIRLS

Madeline Mead.....6th

Grace Lusher.....7th

Lara Wiese.....8th

2nd in Age Group Shield

15 YR OLD BOYS

Ned McCarthy.....1st

Campbell Will.....6th

Jed Kuchel.....12th

Age Group Shield Winners

15 YR OLD GIRLS

Eliza Orrock.....1st

Ella Jozeps.....4th

Alexa Rowett.....6th

Age Group Shield Winners

16 YR OLD BOYS

Rylen Croser.....1st

Kurtis Hampel.....4th

Lachy Glynn.....5th

Age Group Shield Winners

16 YR OLD GIRLS

Andrea Fuentes.....2nd

Ella Colwill 3rd

Asha Mock 5th

Age Group Shield Winners

Year 9 Textiles

In Home Ec/textiles Students from Year 9 made a variety of items with the focus on Sustainability in Textiles, reusing fabric off cuts or discarded garments to make new items.



Community Notices

PLANET YOUTH INFORMATION SESSION

Read more at www.smlc.org.au

WHEN:
WEDNESDAY 15TH JUNE 2022

TIME:
6.30PM-8PM

WHERE:
BORDERTOWN CIVIC CENTRE

"The world as we have created it is a process of our thinking. It cannot be changed without changing our thinking." - Albert Einstein

Soccer Road Trip

GET INVOLVED

Join us for fun, fitness, and Friendship! Special Olympics is sport, health, and personal development for children and adults with intellectual disabilities and autism.

Special Olympics Takes Soccer Road Trip To You

Venue: Virgo Park 74 Naracoorte Road Bordertown 10-30am to 2-00pm 4th of June

Free to attend with fun activities and mini soccer games and free BBQ Lunch to all athletes

For more information or to get involved contact:

Keith Seiler SA Soccer Coordinator - sa.soccer@specialolympics.com.au

Phone Number: 0418897422

Find out more: specialolympics.com.au/sa

LEARN NEW SKILLS
MAKE NEW FRIENDS

TTT

As a family owned and operated heavy vehicle repair and service centre, we pride ourselves on offering a one-stop shop for all truck and trailer needs.

Junior Parts Assistant

Role:
Working within our busy parts department, this junior position has been developed to offer assistance to our existing parts team. You will be responsible for keeping the parts area clean and tidy as well as assisting with the re-stocking of products in the warehouse and showroom.

We perform a rolling stock take throughout the year. Assisting with the count as well as data entry will help you gain valuable knowledge in the parts & accessories that we have to offer our customers. You will also be able to use this knowledge to help supply parts to our internal and external customers.

This position has the opportunity to progress into a traineeship for our next spare parts superstar in 2023.

The position is casual.

Requirements:

- Good Communication skills
- Can do attitude
- Have a high attention to detail
- Willingness to work as part of a team

What's in it for you:

- Ability to work around School commitments
- A management team that has your best interest at heart
- In-house training
- Positive culture
- Opportunity for Traineeship in 2023

Enquiries:
Please direct all questions regarding this position to Brenten Watts or Dorna Clark on (08) 87520077.

Apply now:
Applications close: Friday 17th June 2022

Please send your resume and cover letter to: hr@tttbt.com.au