

ISSUE 29



JUNE

2025

BARRENJOEY BULLETIN

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TALIAH WHITMORE
YUIN WOMAN
Class of 2021

With respect and appreciation, we, the Barrenjoey High School community, acknowledge the Traditional Peoples of the Parramatta and Hawkesbury River Basin, who belong to the land and waters that we live, learn and play on. We acknowledge that this has been and always will be First Nations land.

We pay our respect to Elders past, present and emerging and extend our respect to all First Nations people present today. Since time immemorial First Nations people have lived in harmony with the land, taking only what they needed and giving back love and respect. First Nations people live according to the laws and customs of the land and sea that have been passed down from their ancestors. As the longest continuous culture in the world, First Nations peoples have sophisticated cultures that vary between different Indigenous groups.

We meet you here today with the understanding that when we share knowledge there is a better tomorrow.

KEY DATES | TERMS 2-3



Month	Week	Monday	Tuesday	Wednesday	Thursday	Friday	Weekend
MAY JUNE	6	✕ 2	✕ 3	✕ 4	✕ 5	✕ 6	✕ 7/8
JUNE	7	King's Birthday 9	Staff Wellbeing Week 10111213				Sat: Working Bee Sun: NB Instrumental Festival & Extreme Dance Eisteddfod 14/15
JUNE	8	Bronze Duke of Edinburgh Journey 161718			Yr 3 Day Bilgola Plateau PS 19	Dance Ensemble Sydney North Dance Festival 20	Dance Ensemble Sydney North Dance Festival 21/22
JUNE	9	URBN Surf Excursion Touch Football Jersey Presentation 23	24	Yr 3 Day Newport PS P&C Short Film Festival 25	Yr 9 Student/Parent/Teacher Evening 26	Yr 7 BILU KO Boccia Excursion NSW Mixed Touch Tournament 27	28/29
JUNE JULY	10	30	Rugby League Gala Day U13 & U15 Yr 10 Student/Parent/Teacher Evening 1	Senior Leaders Conobolas Exchange Yr 3 Day Avalon PS Yr 12 Dance HSC Night 2		34	5/6
HOLIDAYS							
JULY	1	School Development Day 21	22	Yr 11 Camp Yr 9 into 10 Acceleration Info Evening 23	24	Yr 6 into 7 Extension Class Exam 25	26/27
JULY AUG	2	Yr 8 Student/Parent/Teacher Evening 28	29	Yr 12 Trial HSC Exams 3031		Sydney North Netball Mixed Tournament 1	Sat: Working Bee 2/3
AUG	3	Yr 12 Trial HSC Exams 45678					9/10
AUG	4	Science Week - Decoding the Universe 1112131415					16/17
AUG	5	18	19	20	Touch Football Mixed Tournament 21	Touch Football Mixed Tournament 22	23/24

PRINCIPAL'S REPORT



Greetings,

As we move through another busy term, we continue to see steady progress and positive momentum in the initiatives taking place across Barrenjoey High School. Throughout Term 2, we are continuing to drive our Literacy and Numeracy programs across Years 7-9, our school Principal Tours have commenced which has already seen 30-prospective new families come through the school gates and our School Captains Jayden Laurich and Piper Attwood have represented Barrenjoey with pride at the "Have Your Say Day" event and the Student DOVES Council.

Barrenjoey House System: Reinvigorated and Underway:

We are pleased to announce that the reinvigorated Barrenjoey House System is now up and running. Over the past few weeks, our newly elected Year 10 House Leaders, in collaboration with our School Captains, have been diligently developing the framework that underpins the new points system.

The House System is designed to foster school spirit, engagement, and a sense of belonging. Students can earn house points through a variety of avenues, including:

- Positive behaviour and contributions inside and outside the classroom
- Participation in sports carnivals
- Representation in extra-curricular activities (sporting, academic, leadership)
- Involvement in school and community service
- Attendance and participation in student-led lunchtime events

We believe this system will enhance student motivation and connection to the school community. Please see the finalised House System policy on pages 6-9 of this Bulletin.



PRINCIPAL'S REPORT

Educational Pathways Program (EPP): Expanding Opportunities for Students:

This year, Barrenjoey High School is proud to be a co-contributor to the newly established Educational Pathways Program, alongside nine other secondary schools across Northern Sydney. The EPP enhances our existing careers education framework by providing:

- A dedicated Head Teacher Careers
- An SBAT (School-Based Apprenticeships and Traineeships) Engagement Officer

Both staff work closely with our school to support students in exploring meaningful post-school pathways. In addition to these valuable human resources, the program has increased access to a broader range of Vocational and TAFE courses at Brookvale TAFE, which is a more convenient location for many of our students.

For more information about this program, please contact Mick Moylan (Careers Advisor) directly, or come along to our Year 10/11 Subject Selection Evening on Tuesday 17th June, where the EPP team will be presenting.

Working Bee - Saturday 14th June:

We warmly invite you to join us for Barrenjoey's first Working Bee of 2025, to be held on Saturday 14th June from 12:30pm to 3:00pm.

We'll kick things off with a welcome BBQ, followed by a collaborative effort to improve and enhance our school's physical environment. It's a great opportunity for families, students, and staff to come together and make a positive impact on our grounds.

Regards,

Brett Blaker

Mr Brett Blaker | Principal



BARRENJOEY HIGH SCHOOL HOUSE SYSTEM



OVERVIEW

The Barrenjoey House System will include four houses: blue, red, yellow, green (under review). The overall system is to be implemented and overseen by a House Coordinator and it will be supported by:

- House Coordinator (Teacher)
- House Patrons (Teachers)
- Student House Captains (Year 10 Students)
- Sports Coordinator (Carnival Points System and Trophies)
- Administration Support

The House system will encourage students to earn house points through positive interactions inside and outside the classroom, sports carnivals, extra-curricular representation of the school in sporting, leadership and academic fields, school community service, and participation in student-run lunchtime events.

House points are regularly promoted, and tallies updated at school assemblies. House meetings are held before school carnivals and at least once a term to build House spirit, using Wednesday assembly timeslots as required. Each term will include a winning House 'prize' for the most points that term, with an end of year 'prize' for the overall winning House.

STUDENT RESPONSIBILITIES

House Captains

The House Captains will be Year 10 students elected by their peers. There will be two school captains for each House. Responsibilities of the student House Captains include:

- Promotion of the House system and House spirit throughout the year – use school assemblies, as well as House meetings before Carnivals and once a term (can be held in lieu of Year meetings on Wednesdays).
- Running House meetings (with support from House Patrons).
- Attend House Captain meetings with House Patrons on a fortnightly basis.
- Running at least one event per term encouraging student participation (e.g. handball competition, round robins, reading competitions, 24-Hour Row etc.)
- Always upholding themselves as school leaders.

BARRENJOEY HIGH SCHOOL HOUSE SYSTEM



STAFF RESPONSIBILITIES

House Coordinator | Oversight of the House System

- Run twice per term meetings with House Patrons to provide support for promotion of House Spirit and running of House meetings and student events.
- Oversee the House Points system in collaboration with Sports Coordinator and HT Wellbeing.
- Oversee election process for House Captains
- Ensure House Points are regularly updated and communicated to whole school
- Oversee 'prize' events once a term.

House Patrons | Supporting the House Captain

- Support development of House spirit and promotion of the Barrenjoey House System
- Mentor student House Captains as developing school leaders – including fortnightly meetings
- Oversight of student-run events (once per term), providing hands-on support for School Captains and supervising the events.
- Support House Captains in running House Meetings before carnivals and school events.
- Implement election process for House Captains each year.
- Award perpetual trophies for Sports Carnival to winning House.

Sports Coordinator | Sports Carnival House Points

- Implement House points system for participation and places in school Sports Carnivals.

Administration Support

- 5-weekly update of House Points under guidance of House Coordinator.

AWARDS & PRIZES

Award Category	Scheduling	Sources	Award/Prize
Sports Carnivals	Per Event	Swimming, Athletics & Cross Country Carnivals	Perpetual Trophy
Term Winners	Terms 1-3	Winning House Points per Term	Reward event for winning house (TBC)
House Champions	End of Year	Cumulative Total Score	Perpetual Trophy End of Year BBQ

BARRENJOEY HIGH SCHOOL HOUSE SYSTEM



CATEGORY	POINTS
POSITIVE WELLBEING ENTRIES All Positive Sentral Entries; Examples: Academic; Attendance; Behaviour; Extra Curricular; Sports Award; Excellence in Class; Respect, Effort and Challenge	1
ACHIEVEMENT DAY AWARDS All significant academic, cultural and sporting awards recognised as Achievement Awards. Examples: First in Course; Respect, Effort, Challenge Awards; Faculty Prizes; Sports Awards; Distinguished Achievers; Ampol All Rounders Award; Barrenjoey Citizenship Award; ADF Long Tan Leadership Award; ADF Future Innovators Award; Layne Visser Memorial Award; Band and Dance Awards	30
FULL YEAR ACTIVITIES These activities require regular weekly participation throughout the duration of the term/semester/year and accrue x10 points each term. Examples: Band/Dance Ensembles, Peer Support Leaders, Student Representative Council, House Leaders, Talented Athlete Programs (Basketball, Surfing, Touch Football), ABLE Program, Homework Club	40
SINGLE/SHORT TERM ACTIVITIES These activities are usually one-off competition or events. Examples: Zone/Regional/State Representation, Knockout Sports, Public Speaking, Debating, Band, Academic Competitions, HSC Showcase Night, CAPA Nights, Readers and Writers.	5
SCHOOL CARNIVALS Barrenjoey High School Athletics, Cross Country and Swimming carnivals.	As per point score
SPECIAL HOUSE RUN/EVENTS For participation in the event.	2
SPECIAL HOUSE RUN/EVENTS For all winning participants.	5

BARRENJOEY HIGH SCHOOL HOUSE SYSTEM



CATEGORY	POINTS
ATTENDANCE (PER TERM) <ul style="list-style-type: none"> 100% 	10
ATTENDANCE (PER TERM) <ul style="list-style-type: none"> 90-99% 	5
GPA (PER SEMESTER) <ul style="list-style-type: none"> 5.0 	25
GPA (PER SEMESTER) <ul style="list-style-type: none"> 4.5 to 4.9 	15
GPA (PER SEMESTER) <ul style="list-style-type: none"> 4.0 to 4.4 	10
COLLATION OF DATA & VALIDITY <ul style="list-style-type: none"> All relevant school activities that accrue House Points are linked to extra-curricular activities, where students are participating in a range of extra-curricular programs targeting the intellectual, creative, physical or social-emotional domains of High Potential and Gifted Education. These activities sit above and beyond the normal day-to-day activities of our students. The Activity Lists which link to House Points will be harvested from School Bytes or provided to our Administration Support by the supervising teacher. Students should only accrue/receive house points if they have shown consistent commitment to the identified program. Student attendance, which sits below 80% (without a valid reason) for a program in any regular full year activity will not be eligible for house points. Commitment to any short- or long-term program needs to be validated by the supervising teacher and confirmed with our Administration Support/House Coordinator. 	

DEPUTY PRINCIPALS' REPORT

Jeff Brown | Yrs 7 & 11
Sarah James | Yrs 8 & 12
Sarah Saunders | Yrs 9 & 10



It's been a busy and vibrant few weeks at Barrenjoey High School, with a range of academic, cultural and sporting activities showcasing the talent, engagement and enthusiasm of our students. A personal highlight was the Barrenjoey High School Stage Band performing at our Week 4 formal school assembly. Lead by our Head Teacher of Creative and Performing Arts, Mrs Fiona Gudmunson, the band played a jazz classic - It Don't Mean a Thing (If It Ain't Got That Swing)



Dance Ensemble & Music Rehearsals

Our talented Dance and Music students have been hard at work rehearsing for the upcoming Year 10 CAPA night on 12 June, and the Sydney North Dance Festival on 19 - 21 June. Energy levels are high as students prepare ensemble pieces and musical performances to share with the community. We also have the 'Barrenjoey's Got Talent' show on the 20 June, for students to display their hidden talents.

Sporting Success

Barrenjoey students competed strongly in the Zone Cross Country Carnival. We have had teams competing in the Open Girls soccer, U15 Knockout basketball, Boys and Girls Rugby League Gala days, along with a Boys and Girls Netball Gala Day. Our teams have been enjoying their experiences with some success, while showing grit, teamwork and sportsmanship.

Professional Learning in Action

Staff continued professional development with a focus on **explicit teaching** and **high-impact strategies**, working collaboratively to enhance classroom instruction and student outcomes.

We are proud of the diverse achievements of our students and the positive culture of learning that continues to grow across the school. Thank you to our families for your continued support and engagement.

Key Dates

There are a lot more school events coming up. Please put the following dates in your calendar:

Student Parent Teacher Interviews

- Year 9 | Thursday 26 June. Bookings open Tuesday, 17 June at Midday
- Year 10 | Tuesday 1 July. Bookings open Monday, 23 June Midday
- Year 8 | Interviews will be held during the second week of Term 3 on Monday, 28 July.
- Bookings will open at Midday on Monday, 21 July.

DEPUTY PRINCIPALS' REPORT

Student Report Distributions and Goal Setting

On the following days, students will receive a hard copy of their reports, and an electronic school report will be available shortly after via the school portal:

- Year 9 Tuesday 24 June
- Year 10 Friday 27 June
- Year 7 Friday 25 July (Term 3 Week 1)
- Year 8 Friday 25 July (Term 3 Week 1)

Year 8 into Year 9 2026 Subject Selection Information Evening

Parents and carers of Year 8 students are warmly invited to attend an important information session about subject selection and study patterns for Year 9 and beyond.

- Date: Tuesday, 17 June
- Location: School Hall
- Time: Please be seated by 5:00 pm for the presentation.

Following the session, from 5:45 pm to 6:15 pm, Head Teachers will be available to answer questions and discuss elective subjects with students and their families.

The session will cover:

- Mandatory subjects for Years 9 and 10
- Elective subject options available
- How to make subject selections through our online system

This is a valuable opportunity to help students make informed decisions about their learning pathways. We look forward to seeing you there and supporting your child through this important stage of their schooling journey.

Year 10 into Year 11 2026 Subject Selection Information Evening

Parents and carers of Year 10 students are invited to attend an important Subject Selection Information Evening for students entering Year 11 in 2026.

- Date: Tuesday 17 June 2025
- Time: 6:15pm – 7:30pm
- Location: Barrenjoey High School Hall

This session will provide essential information about the Higher School Certificate (HSC), the Australian Tertiary Admission Rank (ATAR), and the various pathways available to students in their senior years. Instructions on how to submit subject preferences will also be provided.

Program:

- 6:15 pm – 6:45 pm: Teachers and Head Teachers are available for informal discussions
- 6:45 pm: Formal presentation begins – please be seated promptly.

Following the evening, each student and their parents and caregivers will be invited to participate in a short interview to discuss their subject choices and post-school goals. Interviews with a senior staff member will be held during the Year 10 Student, Parent and Teacher interview evening on Tuesday 1 July, with the opportunity to book a preferred slot between 4 - 7 pm.

DEPUTY PRINCIPALS' REPORT

EBIKES - Know the code

Following recent discussions with Transport for NSW and local police regarding e-bikes and e-scooters, we would like to remind families of the potential consequences for young people using these vehicles illegally.

An e-bike (electric bicycle) becomes *illegal* when it does not meet specific legal requirements set by Transport for NSW. A **legal e-bike** must:

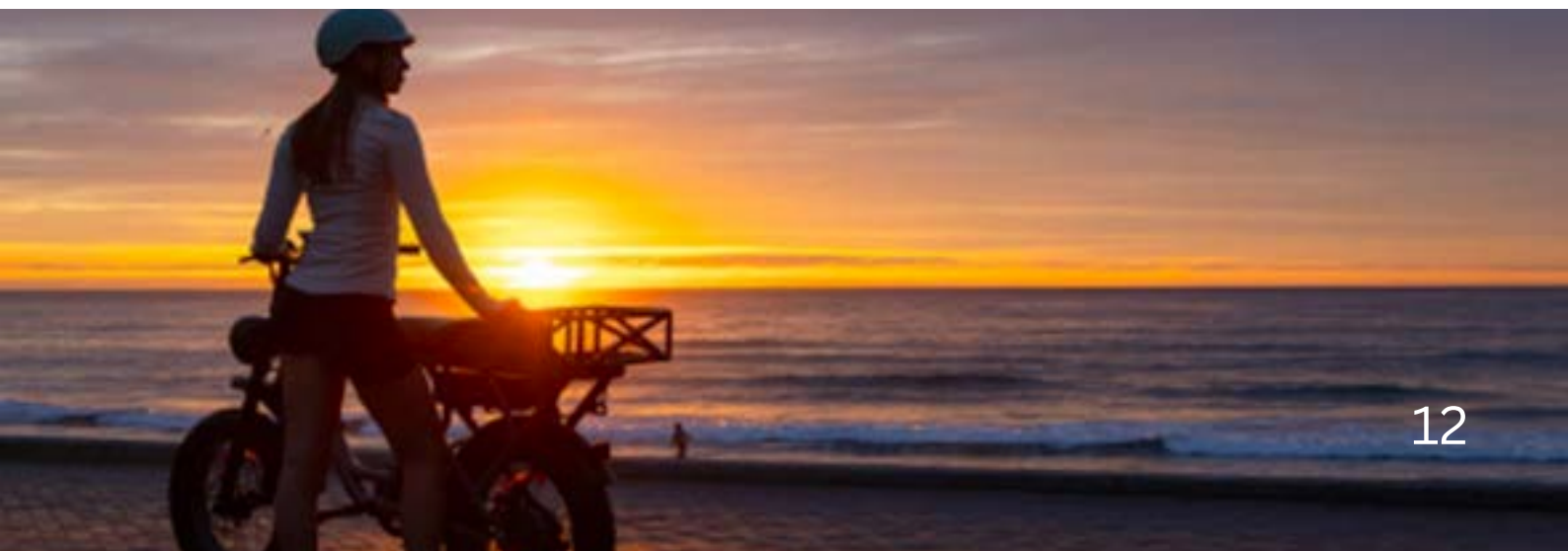
- Be **pedal-assisted** (the motor only activates when pedalling)
- Have a motor with a **maximum power output of 250 watts**
- Have a **top speed of 25 km/h** with motor assistance
- Not have a **throttle-only function** (where the bike can move without pedalling)

If an e-bike has a more powerful motor, can be operated solely by a throttle, or goes faster than 25 km/h under motor power, it is considered a **motor vehicle**. These are often sold online or modified, but they are **not legal to ride on roads, footpaths, or public spaces** unless registered and insured (which is often not the case).

Police have clarified that if a young person is riding an **illegal e-bike or e-scooter** (i.e. one that qualifies as an unregistered motor vehicle), they may be subject to multiple offences. These can include riding unlicensed, not wearing an approved helmet, or riding on footpaths. If the rider is **16 years and 9 months or older**, and the e-bike is illegal, **demerit points** can be recorded against their name and will appear on their traffic record. This may delay their ability to apply for a driver's licence — for example, 4 demerit points can lead to a 3-month licence application suspension.

If the rider is **under the licensable age**, police may respond under the **Young Offenders Act**, which could result in a warning, a caution, or, in cases of repeated offences, charges in the Children's Court. A court outcome could delay their eligibility to obtain a driver's licence. Using a **legal e-bike** does not attract demerit points, although penalties may still apply for unsafe riding behaviour.

We encourage all families with e-bikes to discuss these rules with their children and ensure all riders are wearing helmets and using legal equipment. Promoting safe and responsible riding protects all young people. We also strongly recommend families check the specifications of any e-bike their child uses to ensure it complies with NSW laws.



Community & Connection

BARRENJOEY SPIRIT

Congratulations, Mathias!

Congratulations to Barrenjoey alumnus 2024, Mathias M. on winning the Rising Star Award at the Sydney FC Sky Blue Ball. Great effort!



Barrenjoey Heroes!

The Royal North Shore Hospital (RNSH) Neonatal Intensive Care Unit (NICU) greatly appreciated Barrenjoey High School Year 8 students Hamish M and Flynn D, alongside Avalon Public School students, for dedicating their Sunday on May 25th to support them through fundraising for the Humpty Dumpty Foundation.

Typically, NICU staff participate in the Balmoral Burn fundraiser in their spare time, but due to their commitments, these students stepped up last minute. They raced up Awaba Street pushing a cot (with the NICU babies safe at RNSH), and have already raised over \$150, with more contributions still coming in.



Good Luck, Charlie!

Good luck to Year 12 student, Charlie V. who will soon compete in a team who have been training together for the past 3 years. Recent results include:

- Finishing 1st at the 2024 Harken International Youth Match Racing Championship
- 2nd at the 2024 Sailing Champions League Youth World Final in Germany
- Currently ranked 3rd in the World Sailing Youth Match Racing Rankings
- Selected to represent Australia at the 2025 Youth World Match Racing Championship in Gdynia, Poland.
- Selected to represent RPAYC at the 2025 Governor's Cup at California.



Barrenjoey is right behind Charlie in his incredible journey.

CAPTAIN'S CHRONICLE

JAYDEN LAURICH | SCHOOL CAPTAIN

Do you want your voice to be heard in our community?

Over the past six months Piper and I had the enjoyment of working on Have Your Say Day which is a youth led initiative that provides a platform for school leaders to convey important issues affecting us and our peers across the Northern beaches to politicians, youth sector professionals, and community members under the guidance of Northern Beaches Council and collaboration of The Beaches Leadership Team comprised of school leaders from 10 public and independent schools. The project was started by Barrenjoey alumni, Will Cassel (Class of 2022) and council's Youth Advisory Group and has just completed its fourth year.

After conducting a survey to collect information and perspective from youth on the Northern Beaches aged 12-24, which received over 2000 responses across 8 topics. We began to write our speeches based upon these reflective issues to inspire conversation and encourage change.

The event was held on the 21st of May at Freshwater, with a fantastic turn out on the night. It was great to see so many staff, students and barrenjoey community members there to support us. We presented on "The overuse of technology" amongst other topics such as Transport, Education, Environmental & Social Issues, Mental Health as well as Cost of Living. Then the floor opened up for a Q&A session where representatives from all 3 levels of government had the opportunity to ask us questions about our speeches, opinions and other relevant topics. With the chance for these conversations to be built upon. The politicians and service workers were extremely keen for this resource, as they can use all content as a reference within their governments and services.

Unfortunately, Piper was unable to attend on the night of the event but we are all super grateful for her contributions in planning the event and survey as well as helping to write our speech. This is such a great event for our school to be a part of and we can't wait to see where this goes in the future. It is a very valuable opportunity for your voice to be heard and acted upon so always remember to do the survey. The more responses the better.

The Have Your Say Day 2025 Report will be released later on this month with the complete survey data and speech transcripts. It will be available on the Northern Beaches Council website and shared through our school newsletter.



Photographer: Connor Neil @connorneilmedia

WELLBEING

MICHAEL MOYLAN | A.HEAD TEACHER WELLBEING

Term 2 has been a busy and productive term for Barrenjoey's wellbeing program. All year groups 7 to 12 have participated in our fortnightly wellbeing lessons.

Year 7's wellbeing program has included Verbal Combat Cyber bullying performance by Brainstorm productions, Let's Talk program by Anchor Health

<https://www.anchorhealthgroup.com.au/copy-of-let-s-talk-primay-school-stage-3>

Year 8's wellbeing program has included Study Skills Program, Verbal Combat Cyber bullying performance by Brainstorm productions

Year 9's wellbeing program has included Love Bites Program (consent and healthy relationships) & Elevate Study Skills program and Find Ya Feet and Beaches Youth Hub / Relationships Aust program

<https://www.localkind.org.au/love-bites/>

Year 10's wellbeing program has included The Safe Party Program by Red Frogs

<https://redfrogs.com.au/programs/education/party-safe> and Back Off & Life Choices for young men talk delivered by Brent Sanders

Year 11's wellbeing program has included the GP's in schools program

<https://sydneynorthhealthnetwork.org.au/snphn-in-the-community/gps-in-schools/#about-gps-in-school>

Year 12's wellbeing program has included Study Skills and Assessment Support.

Please note the following changes to our wellbeing team: Jess Milham-Habgood is now the relieving Head Teacher of the TAS faculty, and the Year 9 Advisor role has been transferred to Ruth Frost (Mon to Wed) and Nathan Mosse-Robinson (Thurs-Fri). Zac Rose will remain in the position of Year 9 Assistant Year Advisor.



Ruth Frost



Nathan Mosse-Robinson



Zac Rose

BARRENJOEY INCLUSIVE LEARNING UNIT

CAROLINE DODSON | HEAD TEACHER BILU

Students in the Inclusive Learning Unit have been 'smashing it!' in the NSW Cricket Blast programme on Wednesday afternoons. The inclusive programme has been kindly subsidised by Cricket NSW and promotes the development of physical skills, team building and healthy, active lifestyles in our students. Staff and students are having a 'Blast' participating in the training with Aidan, finger's crossed that we get more dry Wednesdays for the rest of term.



CREATIVE & PERFORMING ARTS

FIONA GUDMUNSON | HEAD TEACHER CAPA

Year 11 CAPA Night

On 23rd May, our Year 11 Visual Art and Music students put on their annual CAPA night! Students displayed their fantastic creative and performance skills to a packed house. Thank you to everyone who attended and congratulations to all students who performed/had their work on display!

Northern Beaches Instrumental Festival

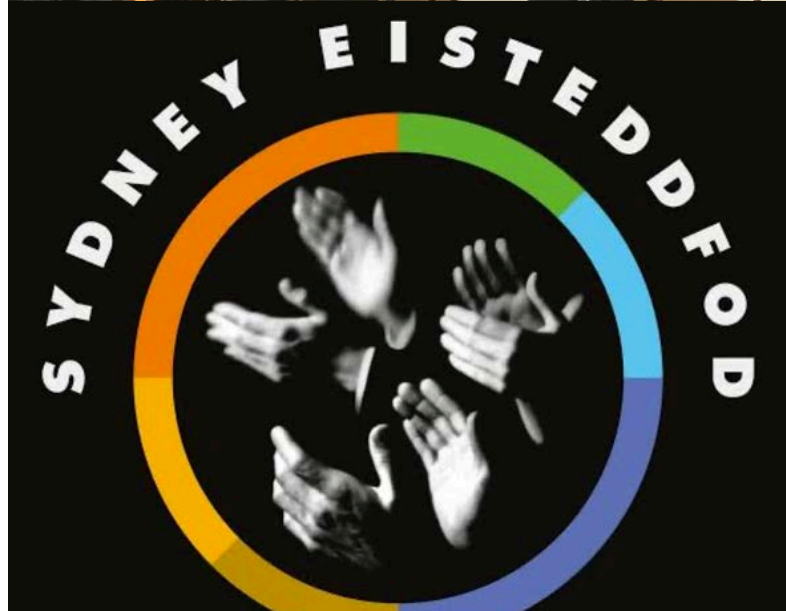
On the 3rd June, the Concert Band performed in the Northern Beaches Instrumental Festival held at Pittwater High School. The group, under the direction of their conductor Rebecca Heather, performed three pieces to a full audience. Well done to all involved - it sounded amazing and a culmination of all of your hard work at rehearsals each week.

Dance Ensemble

Congratulations to the Barrenjoey Dance Ensemble that competed in the Sydney Eisteddfod yesterday at Chatswood Concourse. They performed brilliantly on the large concert stage. Well done to the group and their dance teacher, Miya.

B Block Jam

The weather was shining for B Block Jam today. We had three performances today and it is wonderful to see some of our younger musicians stepping up to play.





RECORDING MUSIC AT BHS

YEAR 10 MUSIC - RECORDING TECHNOLOGY

This semester, all **Year 10 Elective Music students** have been studying recording technology and its impact on music. As part of this unit, they have been learning to record and manipulate sound in the **Barrenjoey High Music Studio!**

Students have had the privilege of exploring and utilising a **professional studio environment** to explore the possibilities of sound production and design whilst **in high school**.

While all students in Year 10 Elective Music have engaged wonderfully with the recording facilities available to them, one student has gone the extra mile and recorded and produced their own composition!

FINN GARDNER - FISHBOWL



A massive congratulations to Year 10 Barrenjoey Music student Finn Gardner (artist name Finnley Lowe) who has officially entered the Triple J Unearthed High competition for 2025! Finn has composed an original piece of music titled 'Fishbowl' that has been recorded and produced in Barrenjoey's own recording studio!

You can listen to the song here!
<https://www.abc.net.au/triplejunearthed/artist/finnley-lowel/>



The school's focus on improving literacy had involved several initiatives including online learning with Education Perfect for students in Years 7 & 8. This has been a weekly event where they do small, focused tasks that help improve their spelling, grammar, and comprehension skills.

Each week students are given a spelling list to complete. They have three attempts at the task to attain a mark of 75%. If this is not achieved on the first attempt, they can look at their responses, see where they have gone wrong and reattempt tasks.

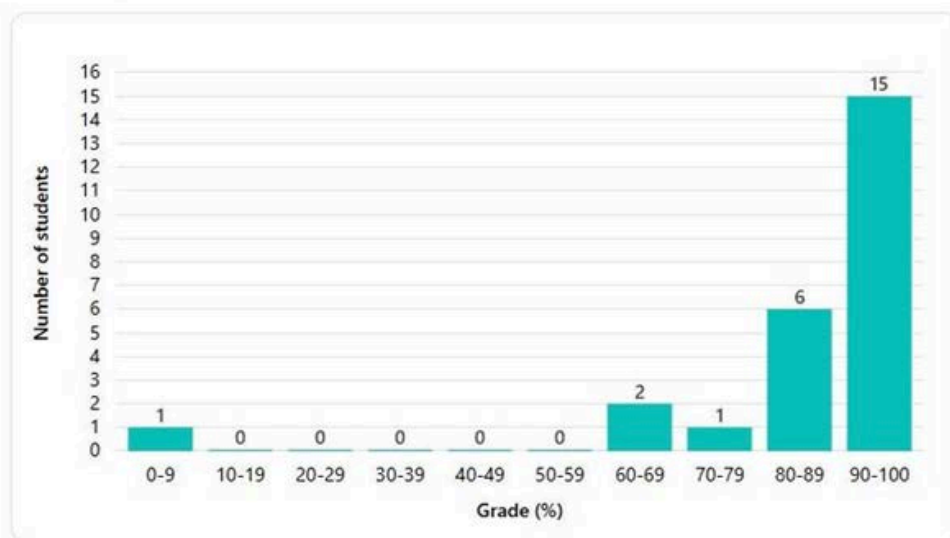
Students also undertake several other tasks that focus on improving comprehension skills such as - how do you identify the intended audience for a text? Again, they have more than one attempt to finish this task, and it is encouraging to see students who have already achieved 75% go back and make another attempt to improve their result.

As you can see by the below graph students this year are fully engaged with the process and data is showing a slow but steady improvement in students spelling, comprehension and grammar. Your support in this endeavour has been crucial to its success and I thank you for encouraging your child to hone these vital skills as they are crucial to academic success.

Lastly, I would like to thank the P&C for their support in this endeavour and their financial contribution, for the third year in a row, to maintain this online learning platform. For this initiative to succeed students need to understand and value the importance of these basic literacy skills and I see it as our collective responsibility to encourage them.

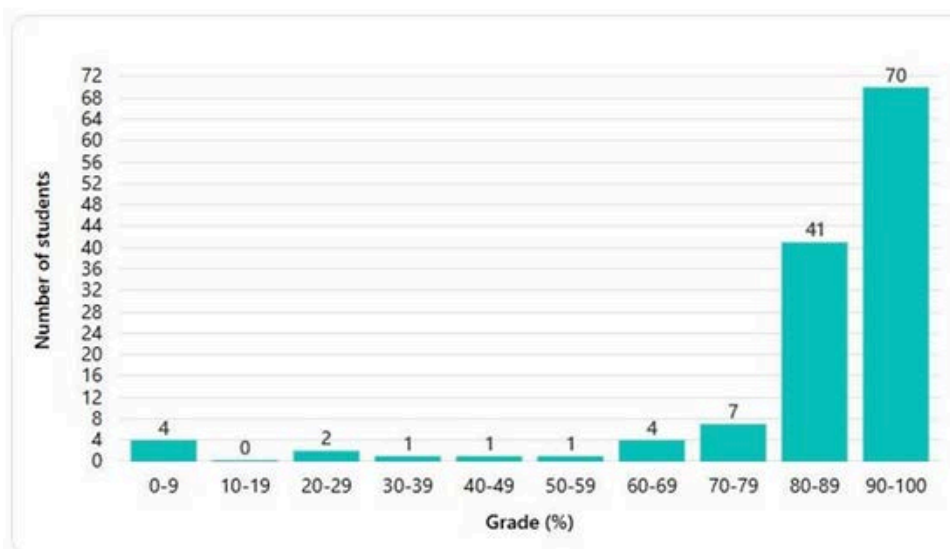
Year 8 Spelling

Results summary

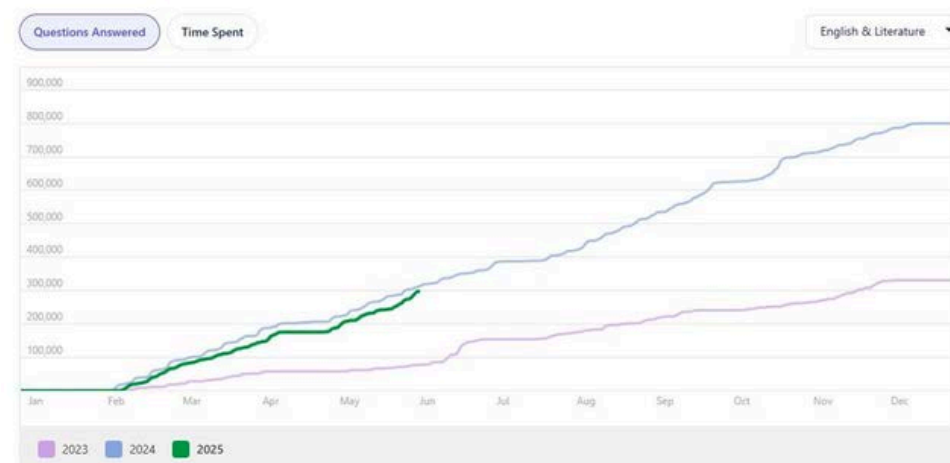


Year 7 Comprehension

Results summary



Improvement Data



Mathematics BUS Program

The Mathematics faculty is pleased to introduce the BUS Program (Band Up Society), a support initiative designed to assist Year 12 Standard students as they prepare for their HSC examinations.

All some need is 1% increase each to successfully Band Up!

DECODING HSC QUESTIONS

Many students find it challenging to interpret what HSC-style questions are really asking. The BUS Program will guide students in breaking down questions, identifying key terms, and understanding the mathematical concepts involved. The aim is to build students' confidence in approaching a variety of problem types.

BUS SCOPE

- Multichoice challenge
- Band 6 wordy questions
- R to O practice
- A to D practice
- Maximise reading time
- Mark hunt
- Make unfamiliar to familiar
- Identify simple familiar, simple unfamiliar, complex familiar, complex unfamiliar



TO GET ON THE BUS YOU NEED TO...

- Want to Band Up: 3 to 4, 4 to 5, 5 to 6 are all equally valid
- Be self motivated
- Know the content
- Commit
- Swipe your OPAL card

TO STAY ON THE BUS YOU NEED TO...

- Stay seated with your seatbelt fastened
- Complete practise
- Make unfamiliar familiar
- Stay on the R.O.A.D
- Top up your OPAL card when needed

The BUS Program is held four times a week by Ms. Ring, the Head Teacher of Mathematics.
Limited spots available!

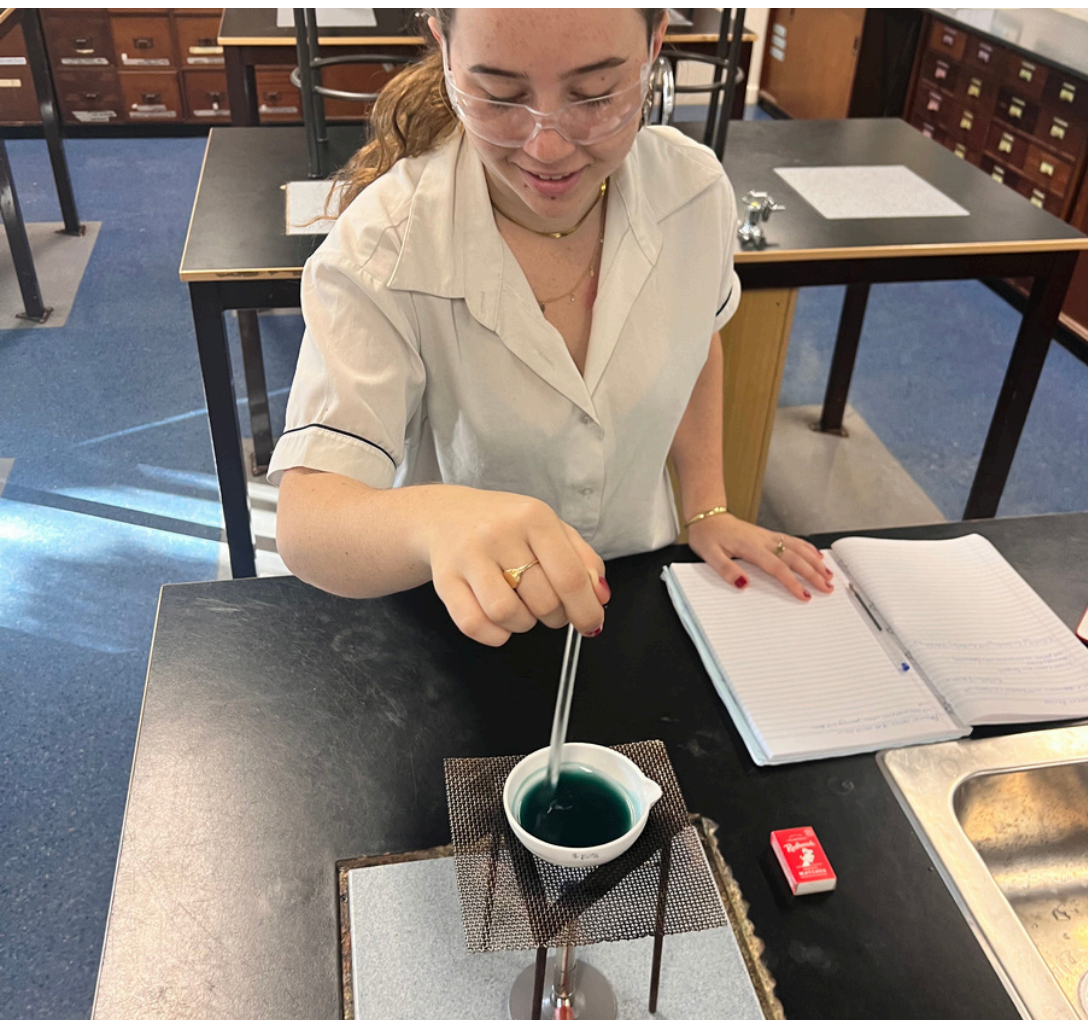
SCIENCE

MILENA DRISCOLL | HEAD TEACHER SCIENCE

Year 7 have recently completed their Half Yearly Examinations and have also been diving into their Chemical World topic, Properties of Substances. Pictured are Year 7 students investigating the impact of detergent and glycerol on bubble formation and surface tension—a fun and engaging way to explore how different substances interact!

Meanwhile, Year 11 Chemistry students have been hard at work on their Depth Study on Copper Cascade Reactions. Their challenge was to extract pure copper from a copper nitrate solution, using a combination of chemical reactions: a precipitation reaction, decomposition reaction, neutralisation reaction, and finally, a redox reaction. Students were then tasked to calculate both the theoretical and actual yield of copper. Included are some photos of the students working through the extraction steps—well done to all!

Finally, a huge congratulations to the 22 students who have been selected to take part in the Junior Science Olympiads on Friday, 13th June. We'll keep you posted on the results—best of luck to our budding scientists!



The A-Block Mangrove tank – a long-term experiment

Many of you may have noticed the fish tank in A-block that appears outside during holidays and wondered what it's all about. It disappears back into A-Lab 2 during the term, then at the end of term it gets to spend the holidays outside.

The Mangrove tank is an ongoing series of experiments that have been going for over a decade. Longer than any students and most staff at the school.



It all began as a result of a Marine Studies excursion to the Careel Bay mangroves where some Grey Mangrove (*Avicennia marina*) seeds were collected along with a small amount (2 cups) of mud. The seeds were germinated in a small container and then transferred to a large tank. Sadly, this tank leaked when filled and flooded the laboratory overnight. The seedlings were saved and placed in their current tank.



The first experiment was to increase salinity to more than twice as salty as the ocean to see how the plants would cope. Fortunately, most survived. The salt water was removed and the salt flushed out of the sediment and replaced with fresh water and the plants were observed. These hardy plants survived this too.

During the time of these first experiments the school canteen introduced biodegradable plastic cutlery. We wanted to test how biodegradable it was, and with the microbes and bacteria present in the tank and exposure to sunlight we hoped to see the cutlery break down. Two biodegradable spoons and one polystyrene (non-biodegradable) spoon were placed into the tank and left.



Net casting spider

All three spoons are still in the tank after more than a decade! The polystyrene spoon is unchanged, it could be washed, and it would look like new. The two 'biodegradable' spoons have become stained; they are still flexible but have a slightly roughened texture now, but they also have not broken down. Two years ago, a disposable wooden fork was added to the tank. After a year it had been broken down by the microbes and no longer exists.

The tank has become a small ecosystem, occasionally mosquito larvae, which then get eaten by small spiders living in the tank. Every now and then one of the tiny mangroves dies and gets replaced by a new seedling. They will never grow larger as the tank restricts them to being small like a bonsai tree but without trimming the branches or roots. Meanwhile the experiments continue. So far, the biodegradable spoons have lasted 10 years and look like they will still be around long after you have all graduated.

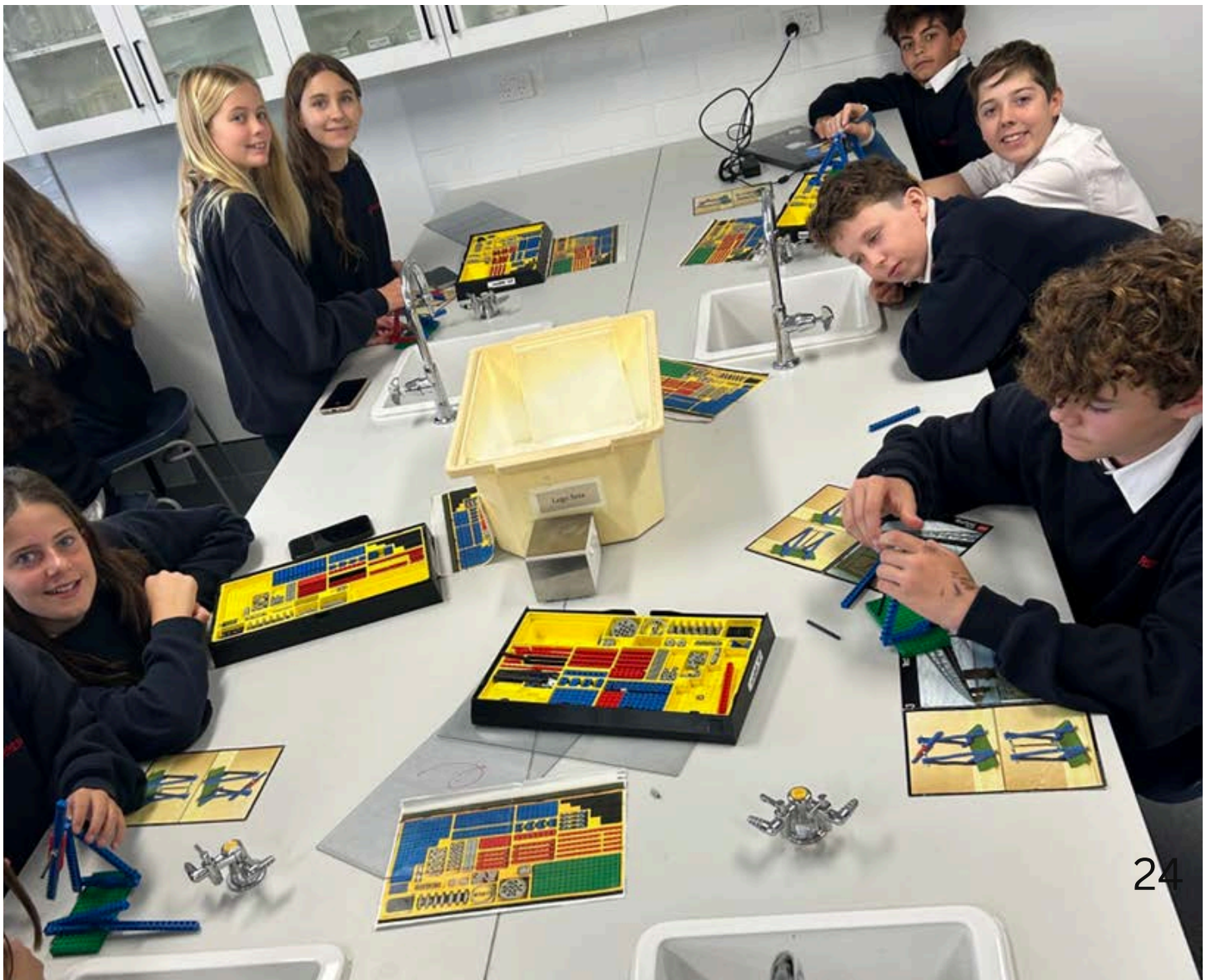
Science and LEGO – A Match Made in the Lab!

Year 7 Science has been having way too much fun lately. Gone are the days of dusty textbooks and endless note-taking—these students are getting hands-on with LEGO, lights, and a whole lot of curiosity. And yes, you heard that right. LEGO. In Science. Where was this when we were at school?

Under the brilliant guidance of our Head Teacher, Ms Driscoll—who's been working tirelessly (and possibly fuelled by caffeine and sheer enthusiasm)—plans are underway for the school's second-ever Science Symposium. This year's theme during National Science Week? "Decoding the Universe". Sounds big, right? That's because it is!

Class 7E has taken this challenge head-on. They're crafting a stop-motion video that's set to be a highlight of the symposium. Their project dives into everything from colour-changing chemical reactions (no, it's not magic, it's science!) to sending Morse code messages using blinking lights (move over, James Bond). And of course, let's not forget the LEGO machines—built by following a secret code of instructions. Think spies meet scientists meet Master Builders.

So if you thought Science was all test tubes and theories, think again. At Barrenjoey, it's lights, LEGO, and a whole lot of learning. Forget Code Red... this is Code Science.





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DECODING THE UNIVERSE

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- Nobel Peace Prize Winner 2007
- Former Director ANU Institute for Climate, Energy & Disaster Solutions
- Honorary Professor at Melbourne University
- Vice Chair of the Intergovernmental Panel on Climate Change (IPCC)
- Chair of the ACT Climate Change Council.



Cooking or Environmental Science? Why Not Both?

Our budding geologists (or were they master chefs?) didn't quite set the world on fire—but they did make it fizz!

In a classic experiment involving vinegar and baking soda, these junior Einstein's created carbon dioxide in a test tube. That's right:

- Acid + Carbonate → Salt + Water + Carbon Dioxide (and one mildly panicked science teacher when the foam got a bit too enthusiastic).

Armed with thermometers and curiosity, they observed how the temperature changed with rising CO₂ levels, discovering something that climate scientists have been warning us about for years: more carbon dioxide = more heat. Who knew that bubbling vinegar and baking soda could teach us so much about global warming?

But they didn't stop there.

With clipboards in hand and goggles slightly askew, they launched into research mode and came up with 10 hilarious (but helpful) ways to reduce your carbon footprint:

1. Meatless Mondays (and maybe Tuesdays too?)
– Cows burp methane. Eat beans instead and become the eco-friendly one doing the burping.
2. Walk or ride your bike – Bonus: You'll be fitter, and you'll avoid awkward small talk on the bus.
3. Turn off the lights – Unless you're afraid of the dark. Then... maybe just use a dimmer switch?
4. Take shorter showers – Sing only the chorus. Sorry, no time for the second verse of "Bohemian Rhapsody."
5. Recycle like a boss – That empty chip packet? Sadly, not recyclable. That glass jar? Go forth and rinse!
6. BYO shopping bags – Because turtles don't look good in plastic hats.
7. Plant a tree – Name it Trevor. Visit it often. Hug it. Brag about it on Instagram.
8. Say no to fast fashion – Unless it's a vintage 90s windbreaker. Then it's a "sustainable statement piece."
9. Unplug devices when not in use – Your phone charger doesn't need 24/7 power. It's not running a nightclub.
10. Educate others – Annoy your friends with facts until they go green too (or at least pretend to just so you stop talking).

So, did they save the planet? Not quite. However, they made a fizz.



TECHNOLOGICAL & APPLIED STUDIES

JESS MILHAM HABGOOD | A. HEAD TEACHER TAS

Year 9 Timber - Breakfast Trays

Our Year 9 Timber students have proudly completed their wooden breakfast trays! This hands-on project allowed students to build skills in measuring, cutting, joining, and finishing timber while exploring design elements and enjoying the production process. The final products look fantastic, and students should be proud of their craftsmanship. Check out the attached photos to see some of the amazing work they've produced!



Year 9 Design and Technology - Mini Sustainable Homes

Year 9 Design and Technology students have successfully completed their Mini Sustainable Homes, showcasing creativity, problem-solving, and an understanding of sustainable design principles. Each project reflects thoughtful choices in materials, layout, and environmental impact, with students exploring how design can contribute to a more sustainable future. The results are both innovative and impressive—check out the attached photos to see their outstanding work!



TECHNOLOGICAL & APPLIED STUDIES

JESS MILHAM HABGOOD | A. HEAD TEACHER TAS



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TUESDAY 3:15 TO 4:15PM**



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which adds up
to over

1 year
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to learn more



NSW Department of Education

Are you looking for part-time work and want to make a difference?

Become an Assisted Travel Support Officer

The Department of Education is looking for Assisted Travel Support Officers (ATSOs) to work on a temporary basis during the school year.

The Assisted School Travel Program (ASTP) provides specialised transport to eligible students with disability, to ensure their safe travel to and from school.

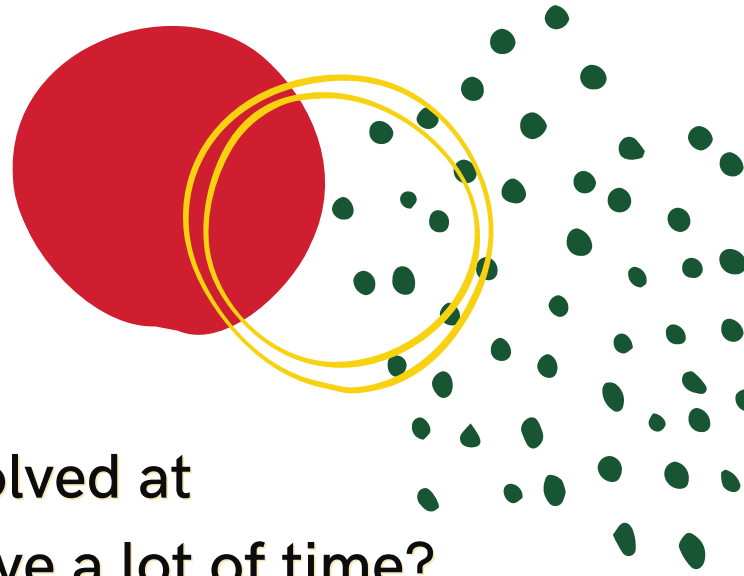


How to apply

Scan the QR code to find out more about the ASTP and applying to become an ATSO, or visit:
<https://education.nsw.gov.au/astp-atsos>
Phone: 1300 338 278



VOLUNTEERS NEEDED!



Would you like to be involved at
Barrenjoey but do not have a lot of time?

Barrenjoey High School needs volunteers to support students who require assistance with their tests/examinations. This is a great way to get involved on an occasional basis and is very rewarding!

A working with children check will be required. It's a simple process and we can point you in the right direction.

If you are interested or have questions please get in touch with the Learning Support Team.

catharine.smith@det.nsw.edu.au
or phone 9918 8811





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