

VISION AND PROGRESS

Crestwood Infoline...

CRESTWOOD HIGH SCHOOL

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Week 8, Term 2

11th June, 2021

From The Deputy Principal ...

The importance of school reports.

Excellent performance! More effort needed! The student needs to devote more time and attention to academic outcomes, or they can improve by concentrating on revising the TEEL paragraph writing structures. These are some of the common remarks written by teachers on students' reports at the end of each semester.

As our students break for the end of semester one, I encourage you to spend time reviewing the report with your student.

What to look out for from a Crestwood High School report

Each semester's report provides you with a snapshot of the progress of your student. The report is divided into a number of sections. The personal profile enables you to see a teacher's assessment of your student's attitude to their work at Crestwood. It includes such areas as bringing appropriate equipment, punctuality and respect for peers and teachers. The personal profile section is an inciteful window into the work ethics displayed by your student.

The profile uses descriptors such as always, often, sometimes and rarely. These are used to evaluate your student in each particular area. Reports provide parents and caregivers with the ability to reflect on the progress of your student. Working through the report with your student enables you to open up discussions about future career or further study options. It enables you to start setting goals and making plans for the future.

The outcomes section of the report measures student progress against the skills and content knowledge required in that specific subject. Each outcome is assessed from A, which is outstanding progress through to E which is reflecting limited progress. Course results provide parents with a mid-year and final year grade. This reflects student achievement across a range of assessment tasks which formally assess the skills and content that are specific to the course. This is also reflected in most subjects by a Box and Whisker Plot. This is a way of visually displaying a range of information.

After you have downloaded the report from Sentral use it to brainstorm with your student, how you can support your child's learning. When you read the report instead of focusing just on grades, focus on what your child loves, how they learn, and what may be a struggle for them.

Crestwood is no longer printing reports, instead they are available via the parent portal. If you are unsure about how to download the report please contact the school. Remember that once your student leaves Crestwood you will lose access to the student portal so store the reports in a safe place.

As the term holidays are close we hope that you have both a safe and happy break.

Inside this issue

- Drama news
- Maths Musings
- Careers Advice
- Sports News
- HSIE Happenings
- Subject selections
- SRC Spirit Week
- Olympian visits

Subject Selection for Years 8 and 10... Next Steps

Thank you to everyone who attended subject selection night on Tuesday. It was an excellent turnout despite the cold weather, which is a mark of the strong partnership that we continue to enjoy amongst students, parents and staff at Crestwood High School.

All Year 8 and 10 students and parents/caregivers should now have received links to your respective websites via email. There you will find more information about the subject selection process, as well as our curriculum handbooks giving you more information about elective subjects on offer. If you have not received these, please contact the school office to check or update your email details.

Week 9 is an ideal opportunity for students to discuss potential subject choices at home as well as with their teachers and year advisers at school. **Year 10 students** should fill out their preliminary subject selection form, ready for their individual interviews with Head Teachers. These are available on the Stage 6 website.

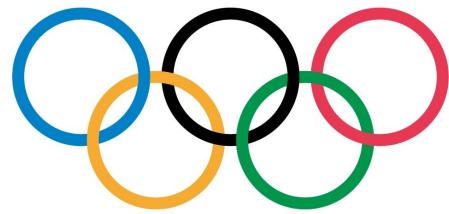
In **Week 10**, students will be given details for submitting their online elective requests. The closing date for these is **Friday 30th July** (after Year 8 and 10 parent teacher night on **Tuesday 27th July**).

As always, please do not hesitate to get in touch if you require further information:

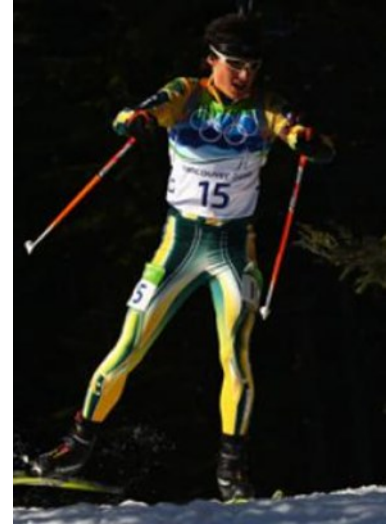
- Stage 6 for Year 10: Mrs Ragnarsson, Head Teacher Secondary Studies
- Stage 6 Alternate Pathways (non-ATAR): Ms Cowan, Head Teacher Teaching & Learning
- TAFE, EVET, TVET and SBAT: Mrs Fisher, Careers Adviser
- Year 10 Year Adviser: Mr Henderson
- Stage 5 for Year 8: Mr Govan, Head Teacher Administration
- Year 8 Year Adviser: Mr Davis



Olympian Visit—



Alex Almoukov



Year 12 PDHPE and SLR were treated to a visit from an ex-winter Olympian Alex Almoukov. He competed in 2 Olympics—Vancouver and four years later in Sochi. Almoukov made history, recording Australia's best male biathlon result at an Olympics when he finished 45th in the 20km Individual event. He represented Australia in 2 events—the 10km Biathlon and the 20km Biathlon.

Students were given insight into goal setting, overcoming challenges and how to show perseverance. Students then asked pertinent questions relating to the topic Factors Affecting Performance which they are currently studying.

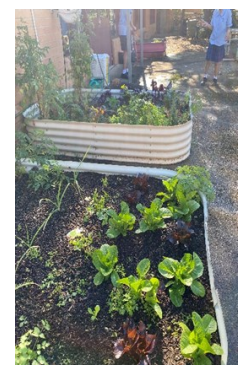
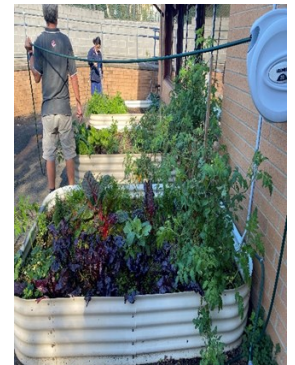
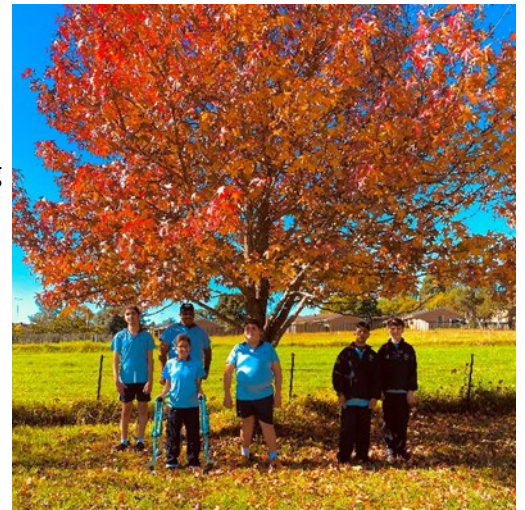


Support Unit News

Paddock to Plate

Students in the Support Unit have enjoyed the process of collecting the beautiful oranges from our school farm and turning into very tasty marmalade. From choosing the best fruit to cutting up the fruit and then cooking the jam. Students had a great time.

Students also have grown various fruit, vegetables and sunflowers. Students looked after worm farms, compost, enjoyed planting and weeding and then of course cooking the produce in various dishes.



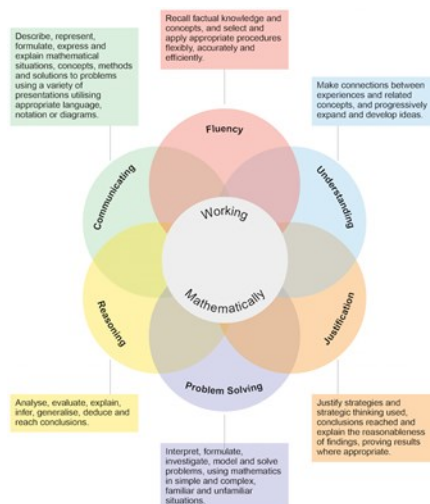
Mathematical Musings

As Students in Years 7 to 10 start to receive the results of their 2nd assessment task in Maths for the year it is important to consider what the results are telling you. How can you use the feedback from your teachers to continue to grow your mathematical skills? Some ideas include:

- Go through your test paper and consider if you lost marks because of a silly mistake, not reading the question properly or because you didn't understand the content?
- Use the solutions provided by your teachers and reattempt those questions you lost marks on.
- Seek additional help by attending Monday maths in Room 32 at lunchtime.
- Use Mathspace to practice those concepts where you struggled in the task.

Remember if you don't practice the skill it won't magically improve.

Working Mathematically is a skill that also needs practice—usually in breaking down a worded problem. It is at the core of what we learn as Mathematics students and allows us to solve real life problems.



Here are some Maths riddles for you to practice this skill—note that the numbers involved are not complicated.

1. If four men can build four tables in four hours, how many tables can eight men build in eight hours?
2. In an alien land far away, half of 10 is 6. If the same proportion holds true then what is 1/6th of 30 in this alien land?
3. If I borrow \$50 from my mum and \$50 from my dad that's \$100. If I buy a shirt that's \$97, I have \$3 change which I give \$1 to my mum and \$1 to my dad, leaving me with \$1. This means I own my mum \$49 and my dad \$49, which together is \$98, plus the \$1 kept makes \$99. Where is the other dollar?

Solutions will be given in the next Mathematical Musings in Week 10.



Year 10 Excursion to “The 7 Stages of Grieving”



This term, Year 10 has been studying *The Seven Stages of Grieving* by Deborah Mailman and Wesley Enoch as a part of their Indigenous Australian Theatre unit and they were lucky enough to have the opportunity to see a live production of this play performance at Sydney Theatre Company. For some, this was their first ever experience of live theatre and it certainly did not disappoint! The students were treated to a pre-show talk by the directors where they learned about having a creative vision, exploring set design and the challenges of using technology in a live production.

The show was immensely powerful, with members of the class filled with laughter and even shedding a few tears as they became so captivated with the retelling of Indigenous history.

Afterwards, the class was given the chance to ask the actor, Elaine Crombie, questions about her process as a performer. Whilst the knowledge gained from these talks was so meaningful for the students, the real outcome was their newfound love of live performance, with each student already excited to book their next theatre tickets!



Shakespeare Carnival



Year 10 Drama represented Crestwood at the annual Shakespeare Carnival, which is judged by professional and experienced actors from the acclaimed Sport For Jove company. They performed a modern retelling of one of his most famous plays, Romeo and Juliet, but with a comedy twist! The team explored traditional Shakespearean conventions of mistaken identity and jokes whilst engaging their audience through contemporary humour. There was even a nod to the famous balcony scene mixed with Jojo Siwa karaoke! Afterwards, the team was provided with extensive feedback from noteworthy Shakespearean stage actors to refine their performance skills for future scenes both in and out of the classroom. The highlight of the night was our girls being praised for delivering the best closing line the judges had ever heard in the history of the competition. Well done to Selin, Alyssa, Ellie, Katie and Jordyn, you certainly stole the show!

State Drama Camp

Congratulations to the year 11 students Eleanor Gray and Lauren Kouzeleas for being accepted into The Arts Units State Drama Camp. The girls will be tutored in a wide range of areas such as characterisation, developing monologues as well as Stage Craft. The girls will also have the opportunity to watch the award winning Broadway musical Come from Away.



Year 8 Commedia Incursion

As part of the Year 8 Drama course students explore the traditional Italian theatre style of Year 8 Drama attending a Commedia Dell' Arte incursion hosted by Matriark theatre. Students watched a performance based on the tradition theatrical style and then participated in a workshop designed to help them develop their understanding of the characters and performance.



Theatresports (photos attached)

After their excellent performance in the regional heats of the Theatresports competition, our Senior and Intermediate teams headed off to the semi-finals at St Patrick's College in Strathfield. They competed against eight other schools who had also topped their relevant heats.

The teams performed exceptionally well and their skills have improved immensely this year. From fire stations to Halloween makeup, they tackled each prompt and game with their full focus and enthusiasm. Whilst their competition ends here for the senior team, this is not the last time we will see the intermediate team who are already eagerly awaiting their chance to perform at the Enmore as seniors in 2022.

Congratulations on all your hard work Imogen, Rebekah, Toby, Ysabella and Isabelle of Year 10 and to Lauren, Zac, Natarina, Aleina and Grishan from the senior team.



Senior Theatresports Team 2021



Figure 1 Intermediate theatresports team

Upcoming Events

1. Parents, students and teachers are invited to the annual HSC Performance night on the 23rd July, 2021. The year 12 Drama students will be performing their group and individual performances for a panel of judges and they would love to be supported by the community.
2. Next term Year 11 and 12 Drama will be attending the Broadway musical hit "Hamilton".

SRC NEWS

**Crestwood High
School SRC Presents:**

SPIRIT WEEK

**HAVE FUN WITH FRIENDS IN
THE LAST WEEK OF TERM 2!**

**Food, games, sport and
more. Stay tuned for
event details! 😊**

**MONDAY-FRIDAY
WEEK 10**

SRC NEWS

SPIRIT WEEK SCAVENGER HUNT!

WEEK 10

Monday , Tuesday and Friday

HOW TO PLAY

1. Find each image of the house mascots hidden around the school
2. Take a selfie with each one
3. Show all 4 photos to Ms Lai in the English Staffroom
4. First person receives house points

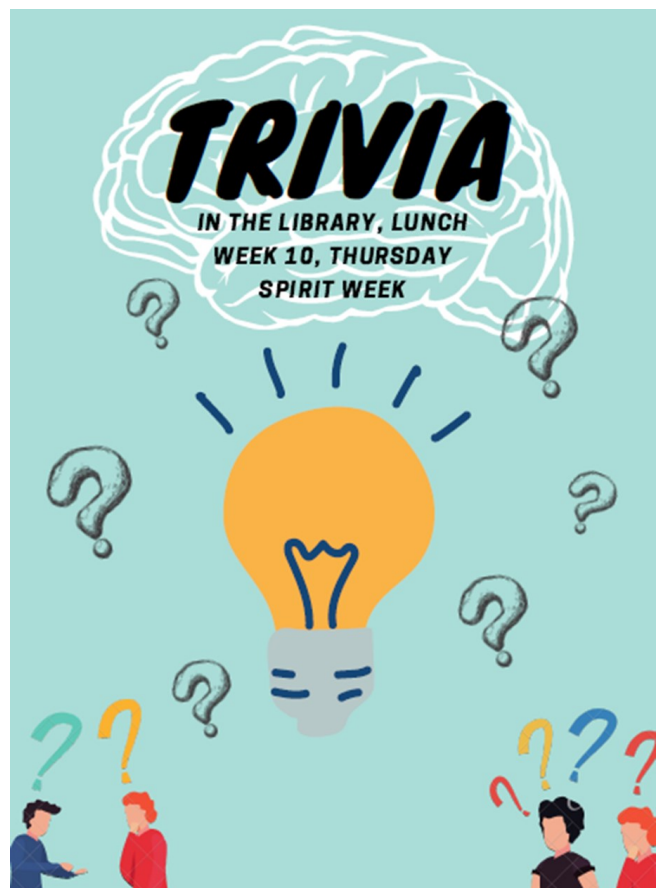
CRESTWOOD HIGH

VOLLEYBALL TEACHERS VS STUDENTS



SPIRIT WEEK - DAY 5
25TH JUNE

TRIVIA

IN THE LIBRARY, LUNCH
WEEK 10, THURSDAY
SPIRIT WEEK



SRC NEWS




SHOOT THOSE HOOPS

BASKETBALL GAME: YEAR 12 VS TEACHERS
SPIRIT WEEK, THURSDAY LUNCH
TIME AT THE BASKETBALL COURTS

CRESTWOOD HIGH SCHOOL

TEACHERS VS STUDENTS



SPIRIT WEEK - DAY 5
FRIDAY

LUNCH TIME ON THE OVAL

STUDENTS SHOWING HOUSE
SPIRIT WILL BE AWARDED EXTRA
HOUSE POINTS

HSIE Happenings

This fortnight in History...

11 June 1184BC – The ancient city of Troy is sacked, ending the Trojan War, according to calculations by Eratosthenes.

11 June 323BC – Alexander the Great dies in Babylon aged 32.

12 June 1898 – The Philippines declares independence from Spain (the islands were named after King Phillip II of Spain). They would then be made a US colony till after WWII.

16 June 1884 – The 1st purpose-built roller coaster, the “Switchback Railway” opens in New York’s Coney Island amusement park.

17 June 1944 – Iceland declares itself independent from Denmark and becomes a republic.

18 June 618AD – Li Yuan is coronated as Emperor Gaozu of Tang of China, initiating three centuries of the Tang Dynasty’s rule over China.

19 June 1978 – The comic strip ‘Garfield’ makes its debut.

23 June 1868 – Christopher Latham Sholes receives a patent for an invention he called the ‘Type-Writer’.

24 June 1374 – A sudden outbreak of ‘St John’s Dance’ causes people in Aachen, Germany to experience hallucinations, jumping and twitching uncontrollably until they collapsed from exhaustion. Several ‘danced’ themselves to death.



HSIE Happenings

YEAR 8 MEDIEVAL DAY INCURSION – 24th June

On Thursday 24th of June, Year 8 will participate in a Medieval Day incursion presented by Living History Australia. This activity day will involve a presentation of artefacts from the medieval period as well as interactions with characters from the past. There will also be a small talk on Ancient China.

Throughout the day they will learn about life in medieval times. Students will be given the opportunity to dressed up in medieval clothes and take parts in a range of activities such as medieval games and dances.

The activity day will run **all day**.

Students are required to wear their **sports uniform**.

The cost for the day is **\$17**.



Please return permission notes by Friday 18th June, 2021.

If you have any questions, please contact Mrs Woolnough in the HSIE faculty.



HSIE Happenings

YEAR 12 BUSINESS STUDIES – QANTAS CASE STUDY INCURSION

Guest Speaker – David Broadbridge

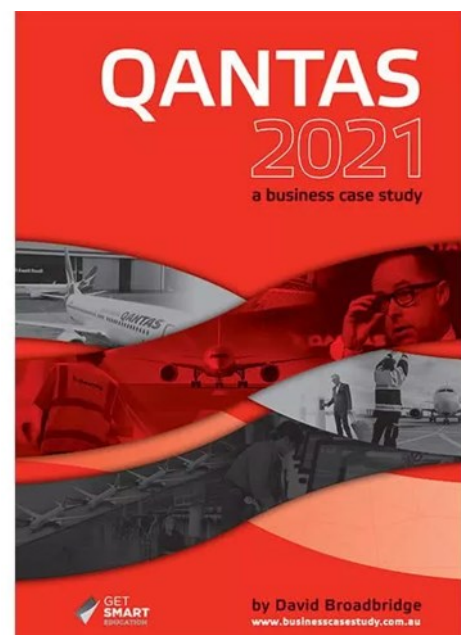
On Tuesday 20th July 2021 (Term 3, Week 2) Crestwood High School will host David Broadbridge as a guest speaker. **He is the author and publisher of the QANTAS Case Study booklet that students in Year 12 Business Studies course are currently utilising.** This incursion is an excellent opportunity for students to enhance their knowledge of the QANTAS case study and **achieve syllabus outcomes.**

David will conduct an in-depth lecture on the case study of QANTAS covering all four topics from the syllabus. This will be **invaluable information and revision prior to the Trial HSC examination.**

It is highly recommended all students attend this incursion to gain **greater confidence and knowledge** in understanding and applying the QANTAS case study, as a necessary part of the extended response.

Information has gone home with students this week and the note is also uploaded to the shared Edmodo group.

Permission notes and payment are to be returned to the Student Services Window by no later than Tuesday 13th July, 2021 (Term 3, Week 1). Online payments are due by Friday 9th July, 2021 (the last Friday in the school holidays) as it takes several days for payments to be processed.



HSIE Happenings

HOLIDAY REVISION WORKSHOP - BUSINESS STUDIES TRIAL HSC PREPARATION

Mrs Quinn and Mrs Normoyle are inviting all Year 12 Business Studies students to attend a school holiday revision workshop on **Wednesday 30th June (week 1 of the holidays) from 9am-2pm in Room 7.**

The focus for the workshop will be:

1. Operations Extended Responses (which will provide you with revision on the operations syllabus content, as well as the Qantas case study for Operations)
2. Business Reports (covering all topics, which will refresh your memory and skills on how to write a business report as well as provide you with revision on the syllabus content across all topics)

We hope that all students can make it for a valuable day of revision and writing practice that will assist students to maximise their marks in the Trial HSC examination.

HOLIDAY REVISION WORKSHOP – MODERN HISTORY TRIAL HSC PREPARATION

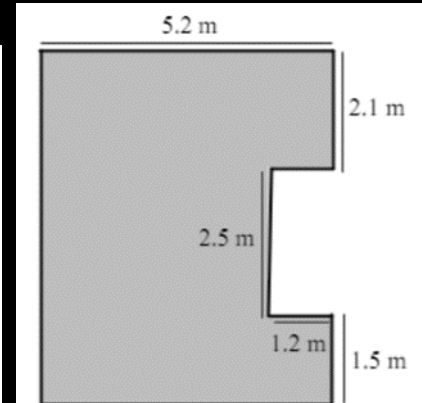
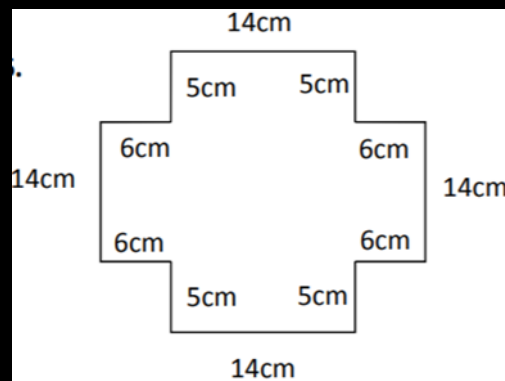
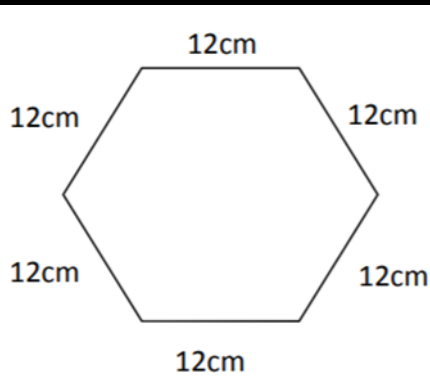
Mrs Azzopardi and Miss Tsigounis are inviting all Year 12 Modern History students to attend a school holiday revision workshop on **Monday 28th June (week 1 of the holidays) from 9am-1pm in Room 3.**

The focus for the workshop will be:

1. National Study: China
2. Peace & Conflict Study: Indochina
3. Essay planning strategies & sources

Year 8 Numeracy News

This term, year 8 will be focusing on several specific Numeracy Targets, the second target is calculating perimeters, and converting between units of length. Your child (if in year 8) will be taught this in their Maths class, then asked to measure and convert many different items over the next 2 weeks during their other subjects.



Students are then asked to convert measurements from centimetres to metres, metres to kilometres etc



SPORT NEWS

Tennis Knockout They came, they played, they conquered. Meet the winners of the Sydney West Tennis Girls Opens of the Floris Conway Cup 2021—Rebecca Wills, Sophie Little, Jordyn Jelichich and Alyx Little. As expected of a finale, the score was tied at 4 matches all. To decide the victor, the total number of games was counted. These ladies showed tremendous strength, resilience and integrity, winning a total of 35 games to 29 games against Blacktown Girls High School delivering us a spectacular victory. They will now be invited to play in the Australian School Team Event, and in a match against the winner of the Independent/Catholic Schools Competition. Congratulations to all the ladies and thank you once again to their parents for their unwavering support!



Open Girls Netball Team Good luck to team, who will be fighting for a top 2 spot in the Sydney West Final 8 tournament on June 21st. A special congratulations to Angelina Ballas, our Goal Keeper on being selected in the Under 15s NSWCHS netball squad, what an outstanding achievement. Good Luck to the girls and their coach Mr Phillips!

Zone Athletics 2021 Congratulations to Crestwood High on placing 4th overall at the Zone Athletics Carnival. Zone records were set by Cienna Paul in the 14 Girls High Jump and by Javier House in the 15's Boys 3000m. Well done to all of our athletes, showcasing their dedication and athleticism over the two day event!



SPORT NEWS



Regional Cross Country

Congratulations to the 24 Crestwood competitors who represented Macquarie Zone at the Regional Cross Country Carnival on Wednesday this week. Special mentions go out to our six students who qualified for State:

Dhruv Trivedi 8th in the 12s Boys division

Oliver Golding 1st in the 13s Boys division

Amelia Mayes 3rd in the 15s Girls division

Javier House 3rd in the 15s Boys division

Jonah Sewell 6th in the 18s Boys division

TAS TIMES

Stage 5 - Building and Construction

This term, students in the Stage 5 Building and Construction class have been completing a unit of work on the stages of house construction. Currently the class is making a scaled wall frame that will eventually make one of the walls of a bird



house. Students are developing an understanding of the components that go together to make a wall frame such as the top and bottom plates, studs and noggings. To make the frame students need learn to interpret dimensioned drawings

and use tools including saws, chisels and mallets to cut housing joints. They will also be learning about different cladding materials, roof trusses and roofing materials. In the coming weeks students will learn to lay bricks and pour a small concrete slab to make a paver.

Below are some examples of the frames in different stages of construction.



The Latest From the Library

The library has been a busy place of late, with community members meeting to learn about course selection, students making use of the space to complete their assessments, and learners engaging in independent study on a regular basis.

With the rainy winter season coinciding with the renovation of the covered walkway outside the library, we have employed some flexibility in our standard operating procedures. To keep their belongings dry, students have been encouraged to place their bags on the step inside the library rather than on the exposed benches outside by the front door. Once the covered walkway has been completed, students will once again be asked to leave their bags outside the library.



As the holiday approaches, make sure you come to the library to check out a novel, collection of short stories or poetry, manga serial, or a graphic novel. There's nothing better than a good book and a cup of hot tea on a cold and rainy day!

CAREERS NEWS

Choosing a VET Course is it right for me?

What is TVET?

All TVET courses help you build practical skills and industry-specific knowledge, and count toward your school outcome, with some courses contributing towards an Australian Tertiary Admission Rank (ATAR).

TVET stands for TAFE-Delivered Vocational Education and Training. TVET provides an opportunity to study a TAFE NSW course while still at school.

TVET GUIDE 2022



YOUR PATHWAY TO A CAREER

TAFE NSW

What are the Benefits of TVET?

INTEREST

Study something you're interested in.

EXPERIENCE

Learn from industry experienced teachers.

INSIGHT

Gain insight into industry areas to help you with your career decisions.

SKILLS

Develop employer recognised skills and experience.

INDEPENDENCE

Develop independence and confidence in an adult learning environment.

PATHWAYS

Potentially gain credit from your course towards further study.

How TVET courses can be delivered

TVET courses have the same NSW Education Standards Authority (NESA) requirements as other HSC courses, meaning you will need to regularly attend classes and complete the set assessments. Most courses take between one and two years to complete and some classes may also extend outside of school hours and/or include work placement.

Some TVET and EVET courses are delivered in different forms including: weekly sessions - one afternoon a week, BLOCK (1 week during each holiday period), digital (online) and virtual (mixture of online, podcasts and zoom sessions).

What is work placement?

Work placement is a mandatory requirement for many VET courses. It gives you the chance to learn new skills and apply the skills you've already learned as part of your course in a real industry setting.

Work placement will help you to:

- Gain insights into the kind of career you'd like to have
- Make informed decisions about further training and study
- Become more employable

CAREERS NEWS

TAFE NSW will source work placement opportunities for you or you can suggest an employer and we can support you in working to secure a placement with them.

How your TVET course contributes towards your future study and career goals

If you successfully undertake TVET at school and want to continue your studies at TAFE NSW, you would be eligible for credit in any course containing the units of competency you have completed during your TVET studies. This means that you will not need to repeat any subjects that you successfully completed as part of your TVET course

How to apply for a TVET course?

See the timeline and application process chart below. Ensure you complete the EVET application form and return it to Mrs Fisher by the 20 August 2021.



EVET COURSES TIMELINE AND APPLICATION PROCESS FOR YEARS 10 & 11

Crestwood High School accesses external courses as part of the course offers for Years 11 & 12. Application procedures for courses can be a little confusing due to the many providers involved and the different application dates and procedures. A timeline and procedures flowchart is provided below.

Important Note

It is important that parents understand that without the completed paperwork including all boxes ticked and signatures provided, the paperwork can't be submitted. The earlier the paperwork is submitted before the due date the easier it is to rectify any problems with the paperwork prior to submission. Below is an outline of the process:

CAREERS NEWS

COURSE APPLICATION PAPER TRAIL

ONE: Students collect course information and application forms

Students collect paperwork from Mrs Fisher (Library). Paperwork includes information sheet and application forms. Paperwork can be collected Term 2. An electronic copy is also emailed to parents and students.

TWO: Information Sessions

Some courses require an information session. Students will be informed of information evenings.

THREE: Submission of forms – Due between Term 3/ Week 6: 20th August 2022

All students must complete all aspects of the application forms. This includes the Unique Student Identifier (USI), including the section that indicates what form of ID the student used and providing a copy of proof of the creation of the USI. Without this information the student can not be placed on the USI registry and therefore can not be accepted into the course. **Please note late applications can not be guaranteed to be considered in the first round.**

FOUR: Offers / Acceptance / withdrawal – Offers: 25/10/21- 26/11/21 (Term 4: Weeks 4 - 8)

All offers will be made by Friday 26th November 2021. All students must accept or withdraw their offer. Once the offer is accepted a student may withdraw up to 3rd February 2022. After this date if a student withdraws the student is still considered part of this course for the year and declared as accepted and will become billable on 4th February 2022.

Note: Students who choose not to continue from their Preliminary (Year 11) into the HSC course must also submit a withdrawal form or will be billed for their HSC course.

FIVE: Final Acceptance conditions – Friday 26th November 2021

Students must complete all of the application forms required from the organization and submit them to Mrs Fisher. Forms must be checked and sent to the organisation on request. These forms can be submitted in anticipation of an acceptance with students EOI in Term 3. No position is deemed accepted without all final paperwork provided.

FIVE: Timeline

Actions		Statuses	Dates	Details
Term 2 & 3	Students collect EOI, application Forms & attend information sessions	Submission of EOI and application forms to Mrs. Fisher	Applications Date: Term 2 - 3: 24/5/21 – 20/8/21 Closing date: 20/8/21	Late applications may not be able to be submitted during this round.
Term 4	Offers made	Students are informed if they have been successful and made an offer.	Term 4: Wks 4- 8 25/10/21-26/11/21	All applications will be made an offer, placed on waiting list or declined.
Term 4	Accept or Withdraw Offers. and Completion of institute application form.	All students must accept or withdraw their offer.	Term 4: Week 4 – 8. 25/10/21-26/11/21	Any student that has not accepted their offer by 26/11/21 will be withdrawn.
Term 1 2022	Late withdrawals & offers	Students may withdraw their acceptance. Must let Mrs. Fisher know. Withdrawn offers will be given to students on waiting List	Term 1 Wk 1 2022. 26/11/21 – 03/2/22	Late applications and students on waiting lists are considered for vacant positions in courses.
Term 1 2022	Final round offers	Students on waiting List offered or declined for course	Finalisation of Offers by 3rd February 2022	No more applications will be considered.
Term 1 2022	Classes Begin		Term 1 Week 3: commencing: Monday 7 th February 2022.	

CAREERS NEWS

Should I drop maths for Year 11?

This article could be a good starting point if you have a child who is thinking about dropping maths. This is a question I get asked a lot by senior students. I always get them to ask themselves a few questions first. They might be surprised at how important maths is to the career they would like to end up in.

Should I drop maths? By Fran Molloy



Should I drop maths? Ask yourself these questions first.

1. Do you know for sure that your career won't need maths? Y/N

Studying maths seriously prepares you for any career. It's great for developing excellent problem-solving skills and thinking critically. You'll be amazed to find out how mathematically trained people use what they know in almost every field you could possibly think of.

2. Have you got the basic maths skills you need? Y/N

Whether you want to finish maths in high school or take it all the way to a PhD, you need to build the basics first. Maths at school is taught in sequences to help it all make sense; if you skip any of the groundwork you may be in trouble later.

But don't stress if you didn't do high-level maths at school and still want to go to uni. Most universities offer bridging courses to help you get to HSC-level maths to be able to continue your studies.

3. Want to work for a cool coding company one day? Y/N

Many of the fastest-growing careers – particularly in technology – value maths skills. “Data literacy is more important than ever: just knowing Excel doesn't do it anymore,” says UNSW Sydney statistics fellow Peter Straka, who recommends budding mathematicians also get to know some code programs such as Python or R. You can also try a free online resource like Khan Academy, Math Planet and Math Warehouse to up your maths skills.

Still asking yourself Should I drop maths?... Keep reading to see how these mad maths skills get put to use.

CAREERS NEWS

1. Get cooking

MasterChef fans everywhere know how important it is to get a recipe right. “I use maths all day, every day,” says Ashlie Manganaro, an apprentice chef at Bluetrain restaurant in Melbourne. In her job she measures portions, calculates meal costs and converts measurements.



2. Build games

Kevin Chan is the technical director of games studio, Robot Circus. He went into game development after getting his software engineering degree at the University of Melbourne. Software engineers use maths skills to reason with abstract objects and structures.

3. Pilot the skies

Royal Australian Air Force fighter test pilot Peter Tippner flies high in the sky. His Bachelor of Science (double major in science and maths) gets a workout when he uses geometry and trigonometry to assess flight courses, while direction compasses help Peter calculate angles and avoid hazards.



4. Start a business

Matt Bullock, head of Spotify, is one successful guy. He completed a Bachelor of Computer Science (majoring in mathematics) at the University of Wollongong before starting online payment gateway eWAY and Spotify. This platform – based on ‘game theory’ – utilises high-level maths, statistics and probability to motivate sales staff.

5. Be a human rights champ

Field statistician Romesh Silva did a Bachelor of Science and German Studies double degree, majoring in maths, at UNSW Sydney before turning his expertise to human rights issues. Romesh now uses technology and statistics at the Human Rights Data Analysis Group in San Francisco to quantify human rights abuses.

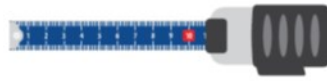


Fran Molloy

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FRAN MOLLOY is a freelance journalist and university lecturer whose career has spanned newspapers, radio and online publications. She writes about business, careers, research, science and environment.

CAREERS NEWS



Base your subject selection for Years 11 and 12 on your interests, abilities and future plans – students do best in courses they enjoy and apply themselves to.



Subject Selections

Subject selection time is with us again. To help your child and you to select your subjects for next year a number of resources have been provided. Below is a list of the ones that have been sent home so far. Included in this newsletters, are a few other suggestions and information to help you make your decisions.

These resources were emailed to all Year 10 and their parents on Tuesday 8/6/21. If you have missed any of the following resources please contact Mrs Fisher during school hours.

- Top Tips for choosing HSC courses brochure (This flyer was designed by UAC to help give a brief overview of what to consider when choosing your subject choices for senior school)
- Year 10 Booklet 2024 - UAC resource. Every student in Year 10 received a paper copy of this book during Maths class on Wednesday 2 June 2021. If your child was absent please ask them to see Mrs Fisher for their copy.
- EVET EOI Form & 2022 EVET USI Student Declaration Form - If your child wishes to apply for an external course for example a TAFE or Whitehouse course for one of their subjects these forms must be completed and submitted to Mrs Fisher by the 20 August 2021. It is a separate application process that is completed by outside agencies and not by Crestwood HS.
- 2022 TVET Timetable - TAFE - Outline of all the courses available to be studied at TAFE in western Sydney. These courses can be studied at TAFE (on campus) or through Digital TAFE (online)
- TVET Brochure 2022 - TAFE handbook with course information
- Whitehouse Institute of Design - Brochure with information regarding the course: *Certificate III in Design Fundamentals: CUA30715* with the following focus: Fashion Visualisation, Interior Visualisation or Creative Direction Visualisation. This course is studied in block weeks during the school holidays rather than during the term. This means students must be prepared to have one week of each holiday set aside to complete the course.
- Online learning information sheet - If selecting an online course (digital TAFE) or a course through correspondence please read this sheet to understand the positives and negatives.

CAREERS NEWS

Steps to UNI for Year 10 Students – UAC Booklet

Students in Year 10 have received a paper copy and an electronic version of the UAC's Book: Steps to Uni for Year 10 Students which will help them choose courses for Years 11 and 12 in preparation for tertiary study in 2024.

Year 10: a year of decisions

If you plan to apply for tertiary study you should select HSC courses that keep the doors open for entry to a range of tertiary courses.

This booklet is for Year 10 students choosing their subjects for years 11 and 12. Its aim is to help you think about the next two years and beyond and provide information so that you can make the best decisions for successful study in senior school and beyond. In Year 10 students will choose the subjects that they will study for the next two years. Although there are many pathways to university or college, choosing the right courses at school can make it easier to enter and succeed at tertiary study.

In this booklet, UAC's participating institutions have listed the areas of study that they plan to offer for 2024 admissions. They have also set out course entry requirements and, where applicable, details of:

- course prerequisites
- subject prerequisites
- assumed knowledge
- recommended studies
- additional selection criteria.

While New South Wales institutions do not have a lot of prerequisites (this is changing), many do specify assumed knowledge and recommended studies. This is important information to consider when choosing subjects to study in years 11 and 12. Institutions do offer bridging courses if these standards are not met, however, bridging courses are not equivalent to the two-year HSC course and they may add significantly to your workload.

This booklet also provides information about HSC courses, how the ATAR is calculated and used for tertiary entry, and how bonus points work. There are worksheets to help students think about what they like and what you're good at, and to guide you through the steps involved in choosing your subjects for years 11 and 12. If they are still not sure about the exact career path they want to follow, this booklet can help them choose subjects which will keep their options open and give them the best chance of succeeding in the future. If your child is considering going onto Year 11 and 12 and University, then this booklet will help them to decide the best subjects to choose.

If you have any questions, please do not hesitate to contact Mrs. Fisher on 9639 7422 ext. 111 during school hours.



CAREERS NEWS

Apprenticeship and Traineeship Expo

Our extremely successful face to face Apprenticeship & Traineeship Expos are back, providing opportunities for students and job seekers you won't receive anywhere else.

Not to be missed. Bring copies of your resume and get in first. Free entry.

Our annual Apprenticeship & Traineeship Expos attract over 16000 visitors and 290 exhibitors combined and are widely accepted as the premier expos of their kind in NSW.

This is the perfect chance to meet experts representing industry, businesses, group training companies, registered training organisations and many more and apply for apprenticeships, traineeships, jobs and further education pathways.

Northern Sydney Apprenticeship & Traineeship Expo

Tuesday 10 August 2021 - 3pm to 8pm

The Concourse, 409 Victoria Ave, Chatswood NSW

Western Sydney Apprenticeship & Traineeship Expo

Tuesday 7 September 2021 – 3pm to 8pm

Penrith Valley Regional Sports Centre, 30 Herbert St, Cambridge Park NSW

Click [here](#) for further information.

Early Offer at Charles Sturt ... open 26 July. Online info session 2 August. Want a guaranteed offer to study your preferred uni course before your final exams? Our Charles Sturt Advantage early offer program is your chance to get into uni based on work you've already done and skills you already have. We'll take a look at two things: our Year 11 results and your soft skills—things like communication skills, resilience, empathy, motivation to create a world worth living in. Further information <https://study.csu.edu.au/study-options/pathways/charles-sturt-advantage>

UTS Year 12 Subject Scheme ... The Year 12 subject scheme awards adjustment points towards your selection rank, based on your performance in select high school subjects that are relevant to your preferred UTS course. We've put together this scheme because we believe that your ability to undertake a course is better measured by looking at your subject marks in addition to your ATAR. You're eligible to receive adjustment points as long as you are a recent school leaver who has: applied for a UTS course that awards adjustment point; a minimum ATAR of 69; completed the relevant HSC subjects. <https://www.uts.edu.au/future-students/undergraduate/admission-requirements/admission-schemes/year-12-subject-scheme>

William Angliss Job Seeker Courses ... Go for a wide range of hospitality courses that give you skills to get into a job in the industry. <https://www.angliss.edu.au/shortcourses/short-courses-for-job-seekers/>

TAFE NSW Campus Tours are back! Booking a campus tour at your local TAFE NSW location is the perfect way for students to experience the facilities and campus live. Visit: https://tafensw.au1.qualtrics.com/jfe/form/SV_brBv3RmNlxTXG9U

SYDNEY DANCE COMPANY

Get your child moving and grooving this winter with an exciting range of COVID-safe school holiday workshops for young people aged 5–18 years.

From 28 June–9 July, Sydney Dance Company's newly refurbished Wharf Studios will be the perfect environment for students to improve their technique and learn new routines under the direction of professional teachers and choreographers. Dance styles include Hip Hop, Jazz, Contemporary, Ballet and more!

Click [here](#) to book now!

Workshops are held at Sydney Dance Company's Wharf Studios, Wharf 4/5, Walsh Bay Arts Precinct, 15 Hickson Road, Dawes Point.



CREATIVE KIDS

Sydney Dance Company is a [Creative Kids](#) provider - parents, guardians and carers can claim a \$100 voucher towards the cost of the workshops.

1. Apply for your Creative Kids voucher [here](#).
2. Enrol and pay for your chosen workshop.
3. Send a copy of your Creative Kids voucher to sdcsdc@sydneydancecompany.com.
4. When we process your voucher, we will contact you to arrange a refund, up to \$100.

