

Activities Week Sees Students Practice Metal Fabrication



Students showcase their hand crafted BBQ'S made during activities week in the Engineering workshop

As we wrap up another great year at Harvester students have had the opportunity to participate in an activities week focusing predominantly on consolidating and developing a range of workshop skills.

In the Engineering workshop, some students have worked on developing their metal fabrication and welding skills by producing their own barbecues. With Janeden River at the helm of the ship, each student has been guided through the step-by-step process of designing, constructing and welding their own personalised project. Thank you to all students and staff who participated, it's been a productive week in the workshop spaces!

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HTC Campus Principal's Report

As the end of the school year draws to a close we congratulate our graduating year 12 students and also congratulate those who will be leaving us to take up apprenticeships in 2019. It is a time to reflect on all the hard work and some amazing accomplishments from our students this year and also a time to acknowledge all the hard work HTC staff have put in to organising the programs and for all the extra camps, excursions and guest presenters they have organised to improve students experience and expand their knowledge in their trade areas.

I would like to take this opportunity to thank all staff for their contributions to the recent launch of our 'Tiny Homes Project'. This project will see Harvester students in 2019 build a tiny home which will be donated to the Salvation Army to offer accommodation for a person in need. The learning opportunities in a project like this are not only confined to Technical Skills but also offer a great practical context for Literacy, Numeracy and Personal Developments Skills. The experience will also offer students the chance to develop a real client relationship in the planning, designing and construction of a Tiny House that will be given to a great cause. I would also like to acknowledge the amount of interest and support offered from businesses within the wider community who have offered support through ideas, expertise, materials and time and we look

forward to continuing to develop these relationships as the project progresses.

We were also excited to recently host a STEM Education Seminar in preparation for increasing our STEM program for 2019. Harvester will offer to work with a number of other schools both Primary and Secondary to offer support in creating engaging STEM curriculum as well as offering access to some of the amazing technology equipment we have access to at Harvester.

Again wishing all students not returning to Harvester Technical College in 2019 the best with their futures and hope they drop in and let us know how they are going as they transition into work or further study in 2019. For those returning next year, have a safe and happy break and we look forward to see you again in late January 2019.

Daniel Monigatti,
Campus Principal



Plumbing Students Visit Front Yard Youth Services

On the 9th of October the Plumbing class from HTC visited the Front Yard Youth Services to explore the issue of homelessness. Students were taken on a guided tour through the underbelly of Melbourne's train network, particularly in and around the Flinders Street Station precinct where many of Melbourne's homeless youth sleep.

As Harvester embarks on its new Tiny Homes initiative the theme of homelessness has become more and more prominent in the college curriculum. With Rucio Sosnowski leading the Tiny Homes project Harvester has recruited many of its students to design innovative and efficient housing plans.

Well done to the Plumbers for attending their field trip to Front Yard. Their efforts participating in this excursion demonstrate the overall commitment to learning about social issues the Plumbing class have made this year. As part of the Personal Development Skills curriculum, students are required to explore a community issue in detail.

Students not only discuss, research and define key concepts around justice, equity and social currency they also practice their reading, writing and researching skills in the Literacy classroom which is as an integral part of their program.



Plumbing students explore Front Yard Youth Services in the CBD to explore homelessness

Tech 10 Literacy Students Launch a Story Book Reading Session

Tech 10 students spent much of Semester 2 writing their own kids' books as part of a story writing assessment. Once their stories were proof read, edited, printed and then bound the students had the priceless opportunity of reading their stories to a real audience.

Audience members James & Matthew Cogill had a great day rating their favourite books and choosing the most engaging readers which were Jacob Weston, Bailey Moffatt & Joseph Gentilin. A huge thank you to Robert Coghill for bringing his wonderful boys in to collaborate with our whole Tech 10 cohort. The day was an eventful fun packed event.



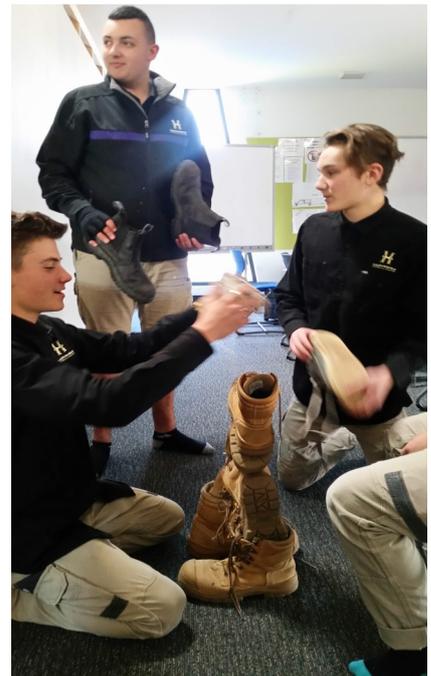
Tech 10 One students read their stories to James & Matthew Cogill as part of their Literacy reading program. Ryan Mastandrea above.

Kami Gillick-Lewis Literacy Team Leader

PDS Students Build the Leaning Tower of Feetza

Before the holidays The Tech Ten 2 and 3 classes tried out some great team building activities to help improve their communication, listening and team work skills. Placing students into groups can be something that many students have difficulties coping with. However, once students head out into the real world they begin to realise that there are times that you have to work with others even if you do not get along with them and maintain their professionalism.

The tasks were small and engaging. We started with the "Leaning Tower of Feetza", a task that involved all students removing their shoes (a bit whiffy) and attempting in their groups to create the tallest free-standing tower out of them. There was a variety of leadership skills shown with each group using different strategies to complete their towers in a competitive spirit.



The second task was called the Shrinking Vessel. The whole class had to stand within a roped boundary (the vessel). Over time the vessel diameter shrinks and the students have to keep everyone within the boundary figuring out how to keep 20 people in as the area gets smaller. Some students ended up climbing on others shoulders and trying to hold each other up. It was another engaging challenge that the students enjoyed.

Robert Coghill,

Literacy/PDS Teacher



Tech 10 students practice their team work skills

Numeracy Students Calculate the Best Deals at the Vic Markets

Earlier last month, all Tech-10 students visited the Victoria Markets in Melbourne CBD as part of an integrated Literacy and Numeracy excursion. Students were asked to complete a series of tasks for Numeracy that was designed to build their skills in map reading (for location) calculations with money as well as time. Students worked in teams to meet challenges of finding the cheapest prices of certain items and meet a budget of \$150 to buy souvenirs and purchase all their groceries for a group of people. Students were given challenges to hunt down some of the more exotic foods such as sea urchins, abalone and different types of offal.

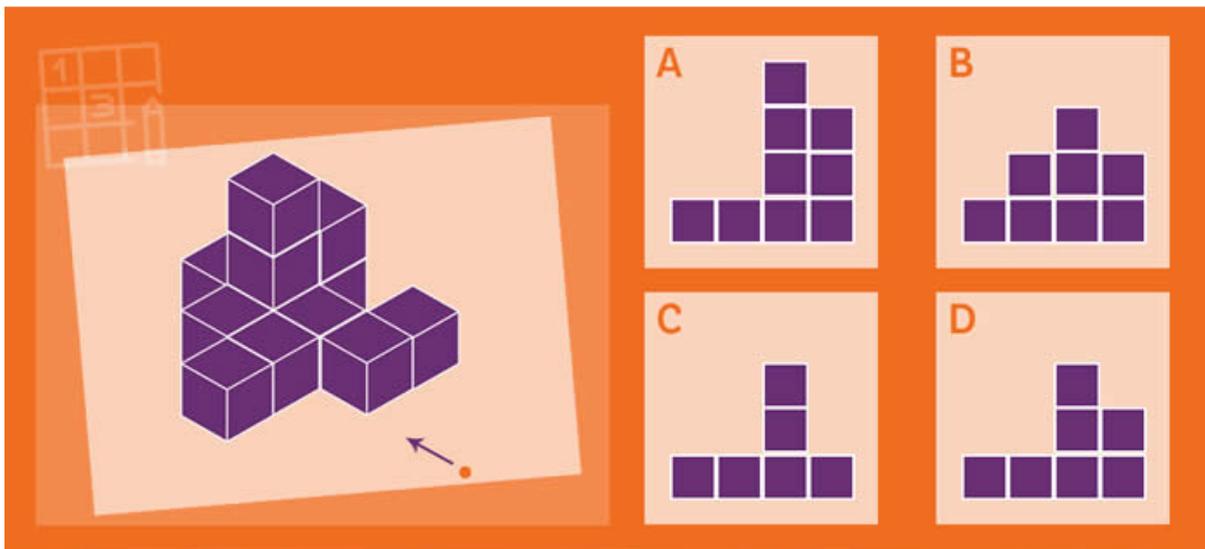
The excursion helped highlight value for money and understand the concept of unit pricing and how it affects the price of goods sold. Each of the different year levels have just completed their unit on Data in Numeracy. In the various classes, students have been looking at data from secondary sources such as the Australian Bureau of Statistics and different infographics charts. Our Electrical students have completed a home energy survey measuring with a Kilowatt-hour meter the energy usage of their own home appliances and the costs associated with this.

Monthly Maths Brain Teaser Challenge:

Which one is the right view for the person who stays at the orange point and looks at the figure from the pointed direction?

Last week's solution:

The letter e



Student of the Month

This student has worked at an exceptionally high level the past month. His work ethic, positive and mature attitude combined with his attention to detail has garnered him an overall nomination for October's Student of the Month Award. During his Literacy classes he was the first to volunteer to read aloud his kid's storybook to a young audience and in other classes this student has applied himself incredibly well. Overall, a solid effort. Well done to Tech 10 One student— Jedd Tatam.



Student of the Month:

Jedd Tatam

Social Media Highlights

Spaghetti Bridge Project

Our Tech-10 students have finalised their Spaghetti Bridge projects as one of their final assessments for the year. In groups, the students were required to design and build a bridge made of spaghetti, guided by a list of parameters. The bridges were then tested with weights to see which one could carry the most mass. Pictured here is the winning bridge for the TT3 class, holding a total of 3.9kg. A great social media highlight this month! Well done guys.



Tamara Zerafa

Digital Media Coordinator



Assembly Highlights: Bowens BBQ Feeds the Masses

Harvester Technical College recently invited Bowens building and construction suppliers to attend our Tiny Homes launch. Bowens are a sponsor of our Tiny Homes initiative and in November they kindly provided a free BBQ lunch to all of our HTC students following their presentation at the launch.

It's with great pride that we welcome Bowens into the Harvester community as we embark on the Tiny Homes project. Thank you to all those who attended the launch.

Student Achievement Awards

The school assemblies at Harvester are all about celebrating student success, hard work and achievement. The winner of the October assembly Numeracy Award was **Mitchel Green**, the winner of the

Attendance Award was **Baden Platt** and the winner of the Literacy Award was **Amy Turnball**. Well done guys.



Electro Students Camp out & Explore Historic Rubicon Power Station

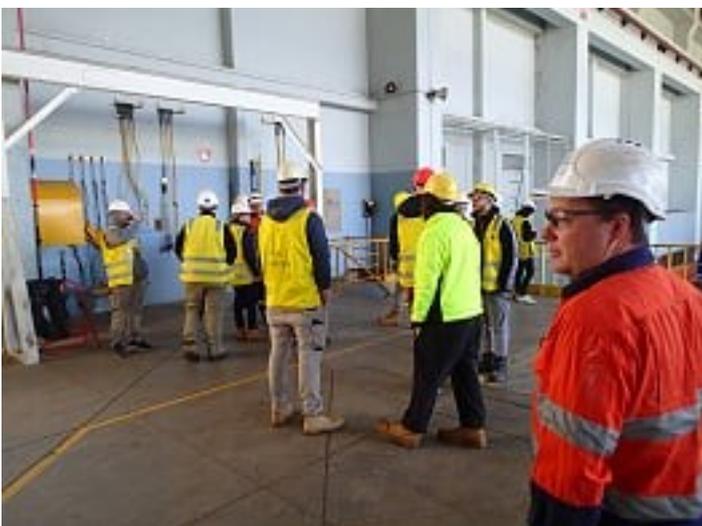
The Eildon power station and historic Rubicon hydroelectric power scheme visit proved to be both informative and challenging for this year's Electro-Technology students. Guided tour of the Eildon hydroelectric power station allowing an opportunity to gain a first-hand experience inside the power station. Our guides Kent, Jay and John from AGL started with an informative presentation regarding AGL's mix of power generation with a focus on hydroelectric assets. A tour of the station including the starting up of one of the generators by remote control in Melbourne followed along with an opportunity for students to ask questions relating to their experience and their future in the industry.

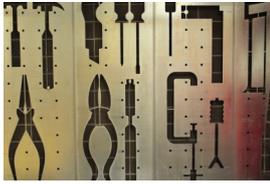
As a group, we also explored the historic run-of-river heritage-listed Rubicon hydroelectric scheme also managed and maintained by AGL. When first commissioned in 1922, the Rubicon scheme generated approximately one third of Victoria's energy needs. With growing industry and consumer demand over the past 100 years and larger, primarily fossil fuel fired (coal) power stations coming online, it now contributes around 0.02% to our energy needs. As pointed out by our guides at AGL Eildon, the original generators and infrastructure installed was of such high quality that even after some 100 years it requires little ongoing maintenance and just continues to chug along producing electricity.

Everyone faced a significant challenge late on the second day as a strong change of weather resulted in high winds and rain. Our communal tarp unfortunately blew over in the evening and as our only shelter from the rain quickly resulted in most retiring to their tents from 8:00pm onwards. A rough night followed with significant rain continuing into the final morning forcing a wet pack up and breaking of camp. To the credit of all students,

we just got on with the job at hand and supported each other through the task required to complete the camp. A smooth journey home on a warm bus helped everyone thaw out after a cold, wet night!

Terry Coombs & Harry Melzer, Electro Teachers







Child Safety

Our community values of **Growth, Relationships, Learning** and **Wellbeing** are underpinned by an understanding that **Child Safety** is a paramount responsibility of the school community. Harvester Technical College has a number of guiding **policies** regarding **Child Safety** on our web site located at www.sunshine.vic.edu.au
Please take some time to make yourself aware of these and contact the school should you have any concerns regarding

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