The Australian HPV Super Series is an annual championship featuring HPVs (Human Powered Vehicles) from many states of Australia racing around closed circuits for 6 or 24 hours.

The SA events are now the largest of their kind anywhere in the world, attracting teams from around Australia.

The inaugural Pedal Prix race was held in the car park of what was at that time, the Underdale Campus of The University of South Australia on Holbrooks Road in 1986; fewer than 12 teams entered.

The popularity of this event continued to grow and in 1992 it was moved to the Adelaide International Raceway at Virginia. While this site easily catered for the increasing number of entries, its openness and exposure to weather, wind and dust caused significant problems for teams.

Throughout the history of the race there have been categories for petrol and solar hybrids as well as a commuter category where more than one rider was in the vehicle. 1996 was the last time that petrol driven hybrids were allowed to participate.

In 2003, The HPV Super Series became a championship season spanning 4 races. This series included two 3-hour sprints on the same day, and later a 6-hour race all held at Victoria Park. The season then concluded with the 24 hour Murray Bridge event. The 2013 Series format is two 6-hour races and a 24-hour race.

2014 will see another development in the series with a street race in Loxton to be used as the opening round of a four round series.

In SA the increasing popularity of this event can be seen in the increased numbers of starting teams, from 130 for Round 1 in 2007, to 181 in 2013. In 2007, the 24-hour Murray Bridge event saw 224 teams make it to the starting grid.

Marden’s involvement has developed from a borrowed, heavy vehicle to a purpose built, chrome-molly tube chassis, 10 gears, German rims and special purpose racing slicks.

Our present vehicle is capable of a top speed of approximately 60km/hour with a fit and strong rider!! In our first event we achieved just over 100 laps on a circuit that was almost a third shorter than it is at present.

In round one this year the Maelstrom team of Asher Thomas, Chris Wilson, Mohamed Kamara, Peter Sowerbutts, Ramin Mohammad, Sruthi Pujara, Malcolm Cheffirs, Graeme Hudson and Stephen Inglis completed 103 laps. Statistically this equates to approximately 137 laps on the older shorter circuit. We are improving, but have a long way to go to match the top teams that completed 196 laps with a lap record of 1.30.0

Significant achievements and contributions by a number of riders should be acknowledged.

- Ramin Mohammed completed the longest session of consecutive laps in our short history with 14 laps of 1.354 km.
- Sruthi Pujara set a formidable standard for female MSC riders with 8 consecutive laps.
- Peter Sowerbutts set the fastest MSC student lap (on the present circuit) with a 2.29.0.
- Graeme set the fastest staff member lap with a 2.17.
- Asher Thomas managed and maintained our data collection and lap recording for the vast majority of the 6-hour event.

A very big thank you must be addressed to all staff and students who contributed to our team effort this year. Every little contribution helps and we are always looking for more riders and pit crew.

Our next race will be held on the Victoria Park (Clipsal) Racetrack on Sunday 28 July. If you are interested in participating in the next 6-hour event please speak to either Malcolm Cheffirs or Graeme Hudson.

Other events that are part of the Australian Championship include:
- Queensland - RACQ Technology Challenge
- Tasmania - RACT Insurance Challenge
- Victoria - Victorian HPV Series
- Victoria - Maroondah Grand Prix
- Victoria - RACV Energy Breakthrough
One of the certainties about our current world is ever expanding access to information. All manner of data is available in different forms through 24 hour news feeds, diverse social media platforms and through on-line and hard copy searches. Education has always dealt in the realm of information, and in learning to make judgements about its sources, veracity and currency. While there is increased speed and ease in our searches, the skills in organising, analysing and then using this data effectively have never been more important, and perhaps more complex.

During the last weeks at Marden several major information processes occurred. Information for all teachers and for the College as a whole came from the recent class-by-class Student Surveys. These provided feedback to each teacher on how you as students perceive their work. These surveys are a major avenue for input into improvements in the way each approaches their teaching. One area that shows as being consistently valued by students is the provision of feedback on current work. While timely, on-going information is the most useful way to help you monitor progress, end of semester reports also add valuable markers on the journey toward completion of subjects. Log books and training plans perform a similar function in the Vocational Certificates.

Subject reports contain information from teachers directly to you as learners. Mentors and subject teachers are available to discuss these with you, and to help you to move forward with the next semester. It is important to use the information provided about individual progress to plan for success in the final part of the year. Talk to each teacher about how to best maximise your time at Marden. Maintain attendance, and regular communication with teachers and trainers. Consider support options. You may not yet have used the Tutorial Centre for extra support or as a quiet study area. Remember that as well as opening during the day, the Library is open on Tuesday and Wednesday until 7pm. If you have an evening class then access the additional Tutorial time with your teacher.

In all of these ways, we are reminded that education is a partnership. This is a great time to re-assess whether your personal goals have changed over time and consider both your motivation for success and the steps you need to take to achieve it. As well as your teachers and mentors, remember that the team in Student Services is available to support you in the push towards successful outcomes in 2013.

Take up opportunities to be part the broader life of the College as a break from study or to help others. If you would like to join in, get some information from your teacher or a member of the SGA. Another way of getting involved is to suggest improvements or activities in the College. You are welcome to send me an email at bharris@msc.sa.edu.au or make a time to come and talk.

Brenda Harris

Marden’s Trash and Treasure on 20 June sparkled for many people. Our students could find various cheap items of need including clothing, books to read, or objects for their homes. The chance to set their own price helped in many ways, including being within their budget and gathering a variety of goods in a short space of time.

The experience helped the Community Services Certificate II students demonstrate skills for their VET course. This included gaining confidence in talking with strangers, knowing how to organise an event, money handling skills, developing leadership qualities, and gaining an insight into how the day is important in helping others to cope with low incomes.

The $203 that was raised on the day will go to the Star Bears Program. Our donation will help children aged between 5 to 12 years who have lost an important person in their lives attend a free weekend camp. The camps, along with the supportive volunteers of this charity help these grieving children through this difficult time.

If you have any items you wish to donate please contact Kaye Iversen or her Community Services Students. (Kiversen@msc.sa.edu.au)

The date for your diary of the next Trash to Treasure is Thursday 12 September, Term 3 - Week 8.
Marzieh Behinaein Hamgini has attended Marden Senior College for a number of years and is working towards completing Certificate I in Education and Skills Development.

One of Marzieh’s favourite leisure activities is hand knotting Persian rugs from silken threads.

The image you see here is of Marzieh with her completed rug which has taken a whole year, knotting a little each night, to complete. A rug such as this is intended for hanging as a wall decoration rather than for daily use as a floor rug.

She used imported silken threads in customized dye lots to knot the intricate patterns she transferred from a traditional design. Usually this involves transferring from a design on paper (A4 size) by eye only; no traced or printed pattern on the rug base.

Students in the ESL stage 2 and her own class mates of the Certificate I Education and Skills Development were lucky enough to be invited to inspect and marvel at Marzieh’s skill and expertise.

Thank you to Anita Medlin, Marzieh’s teacher for encouraging and supporting her to bring her completed rug to class.

Tara Graetz
During Term 2 the library has been busy with events to promote reading, literacy, learning, as well as community events. It was also a busy time for students working on assignments but also making use of the resources for recreational purposes too. We have a number of very keen readers and movie watchers amongst the students at Marden!

A variety of displays have been set up to promote events this term. The MSC Pedal Prix car has been on show in the entrance to the library and soon there will be along photos from the recent competition event. Refugee Week was also promoted this term as well as National Simultaneous Storytime and MSC Tree Planting. Chocolate sales to assist the SGA with fundraising for the Formal have also been popular – especially on those cold days!

It is a hectic time of the year for students regarding school work. A link on the Library page on the MSC website that might be worth checking out at this time of the year is Study Vibe – a good place for information on study skills, getting organised and help with writing reports and essays etc.

There are also a variety of databases available for students to use. These are also available from the Library page on the MSC website. If you need assistance to find and use them, please ask the library staff.

An enthusiastic team of staff are available to assist students in the library. We are open from 8.30am until 3.45 pm Monday, 8.30am until 7pm on Tuesday and Wednesday, 8.30am until 3.45pm on Thursday and 8.30am until 3.30pm on Friday. The 4-7pm times on Tuesday and Wednesday as well as after lesson 2 on Friday afternoons are very useful to spend that extra time to work. The staff are here to support you at all times and so we look forward to seeing you at the Library!!

Sue Johnston
Library Manager

During the term the Vocational Geoscience trainees visited the Boart Longyear experimental drilling facility at Brukunga, in the Adelaide Hills. They were introduced to the basics of drilling, and provided with information about career and training opportunities and pathways.

The class was taken on a guided tour of the Brukunga mine-site, now disused, by John Mignone (DMITRE), to identify environmental issues and to better understand the rehabilitation work in progress. They also inspected the water treatment plant.
My Research Project was to research about eco homes and their main features and show what I had learnt through a model. I selected this topic because I have always been interested in design but I also wanted to research about something important like the environment. Eco homes allowed me to include both.

In order to complete my project I had to do a variety of research processes, these included both primary and secondary sources. I gathered my initial bulk of research through books and reinforced this information by researching reliable information from the internet. I then used the information I had learnt to be able to do a series of interviews both electronically and face to face. This gave me the final information I needed in order to turn my research into a model.

After this initial research I had to start thinking about the outcome and my model. I researched different techniques in building models as I had only limited experience in the past. I also did a vast amount of product sourcing through catalogues I had ordered online and brought in hobby shops. This allowed me to find the most useful materials at the best price.

I enjoyed applying the research to the model because it gave me more structure when actually building. I would have found it very time consuming and disorganised had I not done this research.

Writing the research proposal was difficult at first, however it became very useful throughout the entire process of my research project as I was able to refer back to it and ensure I was following my plan. After doing the research it was then time to prepare for the discussion. At the start of my discussion I found it very nerve racking but I quickly adjusted and was able to talk very comfortably about my topic. It was at this point where I had begun to see how much I had learnt.

The outcome was the best part of the whole research project process for me. I immensely enjoyed making my model, something I will be able to keep for a long time. When writing my outcome report I was amazed at how easily I could write about all of the features in an eco-home and refer back to my model to show these features.

The last step of the research project was the evaluation. This stage was important for me as I was able to think back to the very first moment I started the project and analyse everything I did. This allowed me to evaluate my research processes, the use of my capability and also my research outcome.

My eco home and written outcome is on display in the library to show other students how to integrate a product with verification.

Tara Graetz.

Marden Senior College Stage 2 Geology students recently visited the University of Adelaide. They were firstly addressed by Dr Katie Howard, lecturer and a former Year 12 Geology student at Norwood Morialta High School, about study and career pathways in Geology and Environmental Science.

Visiting palaeontology PhD student, Leanne Hally and Dr Diego Gracia-Bellido, Senior Research Fellow at the Sprigg Geobiology Centre, then jointly presented a talk on the Cambrian followed by hands-on practical activities with trilobites.

The visit raised student interest in continuing their studies at the university and provided some excellent and timely support for their current SACE studies. Students were delighted to be able to take home their own trilobite specimens.
At the closing of semester 1 2013, we farewell Colin Cox, a long term student here at MSC since 1993. He has brought much colour and personality to our school – along with his helpful Auslan interpreters. Colin has overcome the difficulties his deafness presents and achieved some important learning.

He first began in a Basic Computing class with Loula Dacolias – “she was really nice to me, after I told her I was deaf, she always placed herself in a good position, face to face, so it was easy to understand her – very helpful!”

Over the 10 years he worked with many great MSC teachers and these are his highlights: Stephen Sandford learning Excel and Access; learnt Maths with Roger Johnson, Evan Sierros & Gundula – “she was good teacher and gave us lollies if we were correct – so we tried really hard!”. Marg Warren taught him English and was “very helpful as she understood disabled students clearly”. Viji was very helpful and she understood how difficult it is to communicate perhaps because she is from another language background. Colin enjoyed working with Michelle Cordera who taught him so much in IPP where he also assisted other students with their computing skills. He stated that he had known Mandy for a long time – always popping in and out of class and the teacher of his final class at MSC – the Research Project. “Mandy explained the Research project step by step, to follow rules, which was good for me.”

During Colin’s first 4 years at Marden he had no interpreter, but from 2008 with government funding support, Colin and another deaf student were provided with interpreters. Initially a series of different interpreters were sent by the Deaf Society and then MSC employed SSO’s with Auslan skills. Trudy Baikaloff “was the best as she helped me so much.”

Trudy Baikaloff and Colin Cox signing THANK-YOU in Auslan

Trudy has been at MSC since 2011, working primarily with Colin and providing some support to ESL students in Maths. Trudy said she will miss the staff who have been fabulous at her “first paid job since my kids were born and my son is 31”. What’s next for Trudy? She will continue her mostly volunteer work in the deaf community, “money and things are not particularly important for me but sadly it is needed to survive”. She is currently volunteering at TAFE helping a deaf teacher teach Auslan via video conferencing in a class of 55 students. Trudy also volunteers for DeafCanDo. Colin hopes that TAFE may employ Trudy to interpret for him there if he gets into his chosen course.

Colin was renowned by those that knew him for his sense of humour and his friendships with other students. He fixed Khadija’s computer and in class often helped other students with their computing, in the Cert 3 IT classes and especially the students of other language backgrounds.

Andrew Cox, his son also started at MSC in 2008, studying a variety of subjects; Certificate 3 in Media, Year 11 and Year 12 subjects and will graduate in 2013 along with his father - both completing SACE in 2013 with Research Project plus Certificate 3 in Multimedia.

Colin said he will miss everything at MSC as he enjoys learning. From here he hopes to go to TAFE to do Certificate 2 in IT leading to an IT Networking course. When asked what he will do now he doesn’t have to get up to go to Marden after 10 years, he laughed and in his cheeky way said “I’ll do the housework and be a stay at home Dad!”

Congratulations, thank-you and farewell to Trudy and Colin!

SCHOOL KIDS BONUS

Need a boost to your mid-year school budget? The second payment of the Schoolkids Bonus is coming in July. If you are eligible you could receive up to $205 for each primary student and up to $410 for each secondary student.

You could receive the Schoolkids Bonus if you have a child in primary or secondary school and receive Family Tax Benefit Part A or you are a primary or secondary student receiving an income support payment. If you think you are eligible and you haven’t already updated your child’s education details with Centrelink, then visit Online Services by 29 June 2013 to ensure you receive the correct amount and are paid on time.

The Schoolkids Bonus replaced the Education Tax Refund in January 2013 so eligible families cannot claim education expenses in their 2012-13 income tax return.

To ensure you receive the Schoolkids Bonus payment in July, check your eligibility by visiting australia.gov.au/schoolkidsbonus
FOOD FOR THOUGHT DINNER

On Wednesday 8 May we attended the Food for Thought Dinner with Michelle Cordera and our accounting teacher, Lucy Poloni. The dinner was organised by the Institute of Chartered Accountants Australia (CA) and held at the Hilton Hotel Adelaide. During the evening there were a number of guest speakers who spoke to us about careers in accounting and other business areas like finance and economics, and the university courses that people can do to get a qualification in accounting. The guest speakers included accountants, a human resource manager and a university student who was awarded one of the CA scholarships last year. We did not realise that a degree in a business related area like accounting and finance could lead to so many employment options.

Hero Fatah and Chau Ho

NATIONAL SOLAR SCHOOLS PROGRAM

The National Solar Schools Program provided funding to primary and secondary schools to install solar and other renewable power systems, rainwater tanks and a range of energy efficiency measures.

Our school received $30,000 to install low energy use lighting in classrooms.

Through this funding, we have received a range of benefits including: improving our energy efficiency, educating students about energy usage through discussing the benefits of replacement lighting and reducing our College electricity costs.

Videos that showcase environmental activities being undertaken in solar schools across Australia are available online at: http://bit.ly/14y1aFF.

The Australian Government’s Living Greener website also provides some great tips for households to reduce their energy consumption. For further information go to: www.livinggreener.gov.au/energy.

FROM THE CHAPLAIN

As we started climbing towards the lookouts, the children went ahead, my wife and I taking it more steadily. As we progressed, it became harder and our breath shorter; the view offering tempting glimpses of what we might expect further up. Onward and upward we went, up the seemingly relentless track that was not always clearly defined. Well-meaning hikers on their way down, cheerfully greeted us. “Please don’t talk to me,” I thought, I need every breath!

The breaks in walking became more frequent with our sons ducking back every now and then to make sure we were still coming. They must have walked twice the distance and climbed twice the climb!

We pressed on, wondering was it worth it. Our legs hurt. They really hurt and there was not enough oxygen around the planet it seemed, to fill my lungs. Keep going, one step, then another. This continued for about 45 minutes. Then we reached the top. There was Wilpena Pound before us like nature’s biggest serving bowl. We were ecstatic, with the view and with our achievement. “I will boast about this for the rest of my life.” I stated – and thus far I have.

For many students reading this, the end of Term II and the start of Semester 2, defines the halfway mark of a journey. Like my climb, the way may be getting harder now. The demands upon time greater, the stress more profound, the workload endless and the outcomes always just ‘around the next bend.’ On top of that, it’s cold, wet and windy (and the Crows are struggling with a disappointing year!) Like the view, there are distractions along the way – but you must not lose sight of the final goal. Onward and upward you must go. Head down. There are plenty of cheerful people around to offer encouragement, assistance and support. Even when it seems the darkest and loneliest; above the clouds the sun is still shining with glaring brilliance. Keep pressing. Follow your pathway and, if, like my walking trails, the way seems obscure or littered with barriers, seek guidance and help. The way will become known and the summit reached. And trust me; the view from the top is beyond imagining as the world is laid out before you; yours for the taking.

As we commence the second half of the year, my best wishes for success are with all of you, even those just commencing with us. Take a breath, enjoy the view and excel in “Your Pathway to Success.”

Tim Wells

Over the last holidays, my family travelled to Wilpena Pound in the Flinders Ranges, with a two night stay at Mambray Creek on the way. At both places we undertook the challenge of walking trails!

Mambray Creek, was quite a gentle incline but was long, whilst some of the climbs to lookouts around Wilpena, were both long and quite steep. As we walked, I was acutely aware of all that was around me, massive red cliffs, ancient trees, picture postcard pools of water, like mirrors reflecting the majesty of its surrounds. If I wax lyrical, you must go there to understand the vast beauty of the place. It was magnificent.
Term 3 is a very busy time for all students who are intending to study at University or TAFE in 2014. Not only are your subjects in full swing, but TAFE and all three universities, Flinders, Adelaide and the University of South Australia are holding their Open Days for prospective students. These are excellent opportunities for students to gather information about various courses in the lead up to making applications through SATAC for tertiary study in 2014.

Open Day activities for the universities are clustered around Friday 16th - Sunday the 18th August 2013.

Information about the Open Days and the TAFE / Uni Guides will be distributed as soon as it becomes available.

Counsellors are able to provide one to one support to students who need assistance in making a TAFE / Uni application during Term 3.

### TERTIARY EDUCATION PANEL

As part of our service to students and in conjunction with the Open Access College, we have organised for the three universities to come to Marden Senior College on Thursday 29 August from 12.00 noon until 1.30 pm. This visit will provide students with an opportunity to:

- Speak with advisors from the tertiary education sector
- Gather information about courses
- Enquire about alternative entry pathways into university

This event will be held in the cafeteria.

### WORK EXPERIENCE

A Work Experience placement can provide you with a great insight into a particular job or the world of work in general. Your performance in the placement is assessed and can be a valuable addition to your personal portfolio, as well as providing you with feedback about the employability skills you need to develop. Completion of Work Experience along with some additional tasks can provide you with a SACE Stage 1 unit as part of Community Studies.

Come and have a chat with the Student Counsellors if you would like to know more about any of the issues detailed above.

### uniTEST FOR FLINDERS UNIVERSITY

Are you keen to enhance your opportunity to attend university? Do you wish to increase your options to gain a place in the course you want? Are you looking at a way to show the University that you have the ability to succeed at University study? Then uniTEST is your chance to impress!

uniTEST is an aptitude test that has been designed to assess the kinds of generic reasoning and thinking skills that underpin studies at higher education and that are needed for students to be successful. uniTEST assess this reasoning and thinking across the broad domains of mathematics, science, humanities and social sciences.

Flinders is offering uniTEST to any eligible applicant wishing to enhance their opportunity to attend university. Flinders will select students based on both an applicant’s Year 12 results (60% weighting toward the ATAR score) and uniTEST performance (40%).

Whilst it won’t guarantee you a place at University, if you do well in the test the results will be taken into consideration by Flinders, and it may assist you to enter your course of choice. If however you don’t do so well in the test, don’t worry as you cannot be disadvantaged by sitting uniTEST.

Marden Senior College is a test centre for uniTEST. More information will be distributed to students as we nearing the test day.

Additional information can be found at [http://www.flinders.edu.au/future-students/how-to-apply/special-entry/unitest.cfm](http://www.flinders.edu.au/future-students/how-to-apply/special-entry/unitest.cfm)

### 2013 IT CHALLENGE COMPETITION

When I first started Certificate III in Media I had no prior knowledge of the Maya program I now use on a daily basis. I was apprehensive and even afraid that I would not be able to understand the technology. To be able to win second place in the ‘2013 IT Challenge competition’ conducted by the Monash University (3D modelling) only four months after I started the course is an amazing accomplishment. In this particular challenge my Maya 3D teacher, Viji Mohan, simply believed in me and pushed me to give my absolute best.

The teachers at Marden Senior College allow creative minds to flow freely in an open and friendly environment. That is the reason for Marden students winning all three awards in the 3D competition and one award in the Digital Imaging category. I would have never been able to pursue a career in 3D modelling if I had not joined this course. I had no idea how many possibilities there were within the 3D genre; being able to create anything from simple objects to entire worlds, and everything in between. The bringing of one’s imagination to life is beyond words.

Never be afraid to try something new and always strive for nothing less than your complete best.

Michael Oakley, Certificate III Media

Digital Imaging - Keehan Roberts  
3D - Michael Oakley

### CONGRATULATIONS

Congratulations to Jemal Mussa and Zoe Sgarretta on being chosen to represent Secondary School Sport SA in the School Sport Australia 19 and Under Football Championship (Soccer) to be held in early August in Canberra.

Congratulations to the 2013 IT Challenge competition national winners.

3D  
First Place - Keehan Roberts  
Second Place - Michael Oakley  
Third Place - Harry Hughes

Digital Imaging  
Third Place - Keehan Roberts