**Principal’s Column**

Paul Wilson | Principal

**High Achievement & Success – STEM**

Did you know?
- STEM stands for Science: Technology: Engineering: Mathematics
- 68% of the top 100 businesses in SA in 2011 were STEM companies
- STEM applies to virtually every career field from auto mechanics to aircraft, engineers, forensic scientists to fire fighters, everyone is touched by STEM on a daily basis.
- Four of the seven priorities of the SA Government are related to STEM
  * Growing advanced manufacturing
  * Realising the benefits of the mining boom for all South Australians
  * Clean green food as our competitive edge
  * Every chance for every child
- The number of jobs requiring STEM skills in SA will increase significantly by 2020. These jobs will be specifically in the areas of construction, engineering, mining, food production and advanced manufacturing.
- 50% of students think that STEM subjects are too difficult or boring to study (research conducted by Royal Institutions L'Oreal Young Scientist Centre)
- Not enough students presently graduate from STEM courses to meet the estimated workforce need in SA in 2020. All of these STEM areas require students to have rigorous backgrounds in mathematics, physics and chemistry. Without a solid foundation in STEM, students will not be qualified for many jobs in the workforce.

‘For all South Australians to reap the benefits of our high value emerging industries and the digital economy, it is critical that we all work together to attract and develop a workforce with stronger skills in Science, Technology, Engineering and Mathematics’ (Hon Jay Weatherill Premier SA).

The demand for skills in STEM, especially in our growing defence, mining, bioscience, clean tech, food and other industries is outpacing the supply of skilled men and women. We must attract more people into studies of science, technology, engineering and maths at school and university and into vocational training if we are to fully realise our state’s potential.

You may have recently heard calls from the University of Adelaide vice-chancellor for school students to complete a broad education to Year 12 level and to be required to study Science, Maths, English, a language, and humanities subjects.

I recently attended an Education Department forum related to STEM. Our education system wants to develop strategies, initiatives, and programs that will lead to more students graduating from school with skills and competencies in the STEM disciplines.

At Golden Grove, we have a fantastic trade training centre. This facility along with our shared science facilities, enables us to provide quality learning experiences in the STEM disciplines. Our school improvement plan sets a target to connect more of our students to higher level studies in Science, Technology and Mathematics. Our involvement in projects such as the Advanced Technology Industry–school Pathway Program, the Concept 2 Creation Program, Science 21 and STELR (Science, Technology and Engineering Leveraging Relevance) is highlighting the relevance of STEM to our students. Our challenge is to build on the experiences these projects provide and engage more of our students in the study of Science, Technology and Maths so that they leave school with the intention to gain the qualifications that will support their employment in STEM related occupations.

Paul Wilson
Principal
Teen Depression – A Guide for Parents

From HELPGUIDE.ORG – A Trusted Non Profit Resource.

There are many misconceptions about teen depression as there are about teenagers in general. Yes, the teen years are tough, but most teens balance the requisite angst with good friendships, success in school or outside activities, and the development of a strong sense of self. Occasional bad moods or acting out is to be expected, but depression is something different. Depression can destroy the very essence of a teenager’s personality, causing an overwhelming sense of sadness, despair, or anger.

Signs and Symptoms of Teenage Depression:
- Sadness or hopelessness
- Restlessness and agitation
- Irritability, anger, or hostility
- Lack of enthusiasm and motivation
- Tearfulness or frequent crying
- Withdrawal from friends and family
- Loss of interest in activities
- Changes in eating and sleeping habits

If you are unsure if your teenage child is depressed or just being a teenager, consider how long the symptoms have been present, how severe they are, and how different your teen is acting from his or her usual self.

Tips for Talking to a Depressed Teen:
- Offer Support – Let them know you are there for them unconditionally.
- Be Gentle but Persistent – Don't give up.
- Listen without Lecturing – Avoid passing judgement.
- Validate Feelings – Acknowledge the pain and sadness they are feeling.

Getting Treatment
Depression is very damaging if left untreated so if you see the warning signs, make an appointment with your GP for a mental health assessment. Be prepared to give your GP specific information about the symptoms and any patterns you have noticed. They also need to be told about any close relatives who have ever been diagnosed with depression. You could ask your GP to refer your teen to a psychologist – a mental health professional with advanced training and a strong background treating adolescents is the best bet for your teenager’s best care.

http://helpguide.org/mental/depression_teen.htm
youthbeyondblue.com
Kids Helpline – 1800 551 800

The role of the counselling team at Golden Grove High School is to support the development and improvement in the wellbeing of all learners. The Access Centre is a place where students can go to and seek support relating to personal, relationship, career and curriculum issues.

Our Access Centre Team consists of two counsellors – Belinda Noack and David Larritt, Career Development Coordinator – Kimberly Teale, Defence Force Mentor – Linda DeBoer, Aboriginal Community Education Officer – Mandy Kennett and two Student Support Officers – Claudia Brewis and George Hirst. Please feel free to contact us at any time on 8282 6400 if you have any concerns.

YEAR 10
CLEAN UP
THE WORLD

On Friday, 4 May, students in Year 10 actively took part in Clean up the World Day. This volunteering was a component of our Personal Learning Plan subject. Throughout lessons 3, 4 and 5 students collected rubbish throughout popular areas in Golden Grove, such as Golden Grove Skate Park, Wynn Vale Dam and the Golden Way to mention a few. Students and teachers sought out rubbish in bushes and along footpaths, which they disposed of responsibly. Everyone had a good natured approach to this task and enjoyed volunteering towards the community with their peers. Being out in the sunshine was great.
Once we got back to school the Year 10’s were treated to a sausage sizzle in thanks for their hard work.
By Jessica Steinfeldt and Kavita Shah.

A REMINDER TO ALL PARENTS/CAREGIVERS

If you would like to have an electronic version of the newsletter sent to you, could you please send an email to:

newsletter@goldengrovehs.sa.edu.au

with your name, student’s name and year level and your preferred email address.

In addition if your details have changed during the year, ie phone number (work, home or mobile) or address, please advise the front office so that our records can be kept up to date. On the rare occasion that your child may be ill and wanting to go home, this helps us contact you asap.
GOLDEN GROVE STAGE BAND
NATIONAL STAGE BAND AWARDS
Generations in Jazz, Mt. Gambier 2012

The GGHS Stage Band participated in the National Stage Band awards competition held in Mt. Gambier, May 4th, 5th & 6th.

This year was the first time that a band from GGHS has attended the "Generations in Jazz" weekend. The awards attracted 2,500 students who travelled from all parts of Australia. The large majority of bands come from Victoria, New South Wales and South Australia. Queensland, the Northern Territory and Western Australia were also represented.

The GGHS students stayed in cabins in a caravan park in Millicent but spent most of the time in Mt. Gambier attending school band performances and concerts.

All the performances were held at the Barn Conference Centre, about 5 km out of the city. This was converted into a maze of marquees and tents that hosted all the band and vocal competitions and meals.

The Saturday night concert gave our students the chance to listen to James Morrison, Ross Irwin (Cat Empire) and Gordon Goodwin (Big phat band), James Muller and numerous other professional musicians.

The Generations in Jazz experience allows our students to mix and perform with the absolute best young musicians in Australia. After being inspired by the other bands, GGHS have decided to tackle the very competitive Division 3 in 2013. Rehearsals are already underway!!

John Duncan
Music

NEW SMOKE-FREE LAWS FOR PLAYGROUNDS AND COVERED PUBLIC TRANSPORT STOPS

From 31 May 2012, World No Tobacco Day, new State Government legislation will come into effect that:

*Bans smoking within 10 meters of children's public playground equipment.
*Bans smoking under covered public transport waiting areas, including bus, tram, train and taxi shelters and other areas used to board or alight from public transport that are covered by a roof.
*Gives local councils and other incorporated bodies the ability to apply to have an outdoor area or event declared smoke-free.
*Anyone aged 15 years and older can be fined for these offences committed under the Tobacco Products Regulation Act 1997

These changes will further protect the health of children and the community, and reduce exposure to second-hand smoke. They will also increase the comfort and amenity for non-smokers and reduce the exposure of young people to smoking. Outdoor smoking in confined spaces is a potential hazard, particularly for children and people with pre-existing health conditions. Increasing the presence of smoke-free outdoor areas will also de-normalise smoking in the eyes of the community.

For further information or fact sheets, please visit www.tobaccolaws.sa.gov.au or call the SA Health Tobacco Infmortion Line on 1300 363 703. For assistance in quitting smoking, call the Quitline on 13 7848 or visit www.quitsa.org.au

KAYAKING TRIP

In week 3 from the 9th - 11th May, our Year 12 Outdoor education class went on a kayaking trip along the Murray River. On Wednesday afternoon after a long bus ride, we arrived in the town of Berri which was the starting point for the trip. Once organised in our kayaks, we got straight into kayaking the 8kms down the river towards our first campsite. The weather was perfect and the water was calm which made those first 8kms fly by. That night after we had one of many cooked meals on the Trangias we set out for a night walk through the bush lands where we gazed at the stars and came across thigh deep (for some) water holes which just so happened to be in our way. After many complaints, we all decided it was best to just stick with the class and carry on through, even though for some it meant having wet shoes for the rest of the camp. Even though we weren't able to reach our destination that night, it was still a good experience and let us have a taste of adventure. The second day was much harder, as our bodies were exhausted from not only the kayaking but from sleeping on the ground all night. The weather was still on our side and we were able to really appreciate the nature around us. We discovered a lot about the river while being on it. We even got to go through a loch. On the last night, we camped at a more structured camp site which was great. We were able to have a camp fire and swap stories around it after dinner which was a good way to spend the last night. When Friday morning came, we realised we weren't going to be blessed with fantastic weather like we had been the two days before. Though it never actually rained, it came very close, which made the kayaking groups that much more eager to get back to the bus and head home. The last 30 minutes of kayaking really did seem like the hardest as we knew we didn't have far to go. Once we reached the shore there were sighs of relief from all. We packed up and sat back on the bus ready for the long trip home. All in all, the trip was a great experience and definitely one we won't forget.

Hayley Ward Yr12
2012 SA Public Teaching Awards

These awards are a fantastic opportunity for your community to honour our many excellent educators who make a positive difference for young people and our State’s future.

You can nominate outstanding educators for the following awards:

- Inspirational School/Preschool leader of the Year
- Inspirational Secondary School Teacher of the Year
- Inspirational Primary School Teacher of the Year
- Inspirational Preschool Teacher of the Year
- Inspirational Early Career Teacher of the Year
- Excellent School/Preschool Support Staff Member of the Year
- Innovative School/Preschool Engagement with Business and the Community (team award)

The SA Public Teaching Awards for 2012 will recognise up to 84 regional award winners, to be announced in term three, while the seven overall state winners will be honoured on World Teachers’ Day, 5 October 2012. Our 2012 state winners will be awarded up to $20,000 to support their professional development, which will in turn benefit the education and development of young South Australians.

The SA Public Teaching Awards adds to our shared aim of strengthening the important role that educators and public education play in meeting the needs of every child.

Further information is available online at www.decd.sa.gov.au/teachingawards

TERM 2 SPORTS RESULTS

Term 2 is a very busy time for our staff and students. Each year we traditionally enter a wide range of sporting fixtures that commence in Term 2 and 2012 has been no different.

As this newsletter goes to print Golden Grove High School have teams involved in the following sports: AFL, 5 a-side Soccer, 11 a-side Soccer, Touch Football, Netball, Basketball and a number of other teams entered into our weekly sport program otherwise known as 'Vista Sport.' I would like to take this opportunity to share some of our recent results with you:

OPEN BOYS FOOTBALL - KNOCKOUT ROUND 1
Coached by Mr. Hughes the boys lost their game did not progress into round 2.

YR. 8/9 FOOTBALL - KNOCKOUT ROUND 1
Coached by Mr. Hughes the boys won their fixture and progress to round 2.

OPEN BOYS BASKETBALL - KNOCKOUT ROUND 1
Coached by Mr. Sharpe the boys won their fixture and progress to round 2.

OPEN GIRLS BASKETBALL - KNOCKOUT ROUND 1
Coached by Mr. Sharpe the girls won their fixture and progress to round 2.

OPEN BOYS/GIRLS TOUCH FOOTBALL - QUALIFYING CARNIVAL
Coached by Mr. Grandison the boys qualified for the state finals in week 5.

YR.8/9 BOYS/GIRLS TOUCH FOOTBALL - QUALIFYING CARNIVAL
Coached by Mr. Grandison the boys qualified for the state finals in week 5.

OPEN BOYS 5-ASIDE SOCCER – QUALIFYING CARNIVAL
Coached by Mr. Potter the boys won Div. 2 trophy and finished 3rd in Div. 1 securing a place for the state finals in week 6.

OPEN GIRLS 5-ASIDE SOCCER – QUALIFYING CARNIVAL
Coached by Mr. Potter the girls lost in the Grand Final of Div. 2 and finished 3rd in Div.1 securing a place for the state finals in week 6.

OPEN BOYS 11-ASIDE SOCCER - KNOCKOUT ROUND 1
Coached by Mr. Potter the boys won their first round fixture and progress to round 2.

I am sure you will all agree that this has been a great start to the term for our sports teams and all defeats/losses have been by a narrow margin and could have gone either way, which is often the case in sporting competition.

A great effort from our students and a big thank you to the PE faculty who have coached teams so far this term and our wider staff who support student absence for our sports program.

Tim Potter
Sports Coordinator

MedEntry UMAT Preparation

MedEntry is an internationally trusted educational institution providing UMAT preparation in Australia, New Zealand and Ireland. MedEntry is the only provider which is a Registered Training Organisation and which offers a Government Accredited UMAT course. The UMAT test is a prerequisite for entry into most health science courses such as medicine. We have been training students for tests such as UMAT for over thirty years. Most health science students have been trained by MedEntry.

MedEntry was initiated as a result of a generous grant from the government body the Foundation for Young Australians, and we have a commitment to helping disadvantaged students achieve their goals. To this end we offer several discounts and scholarships.

For more information please visit the