



From the Principal High Talent

Congratulations to our prize winners in the Price, Waterhouse & Coopers Economics Competition: Gabriel McManus, Daniel Guo, Dominic Wong, Anthony Morris (Year 10), Philip Tian, Paul Wong, and John Zhang. In the Price, Waterhouse & Coopers Business Studies Competition, prize winners were: Simon Cradock, Mitchell Seow, Vincent So, Dat Tran and Fahmy Balgahom. Great effort boys! Congratulations to Tony Zhong (Photography) and James Morgan (2nd Prize Zonta Short Film Contest) for taking out places in the Woollahra Council Youth Photographic & Film Award.

Karl Cramp Final

At the Powerhouse Museum last Friday, in the final of the Karl Cramp Year 11 debating competition contested by 120 metropolitan high schools, High affirmed the proposition 'that nuclear energy is now a viable option'. Labib Rahman asserted that we were in an energy crisis; that nuclear energy was supplying 70% of Russia's power needs; and that over 1000 nuclear power stations were in operation world wide. Nuclear power is safe, affordable, sustainable, meets Australia's energy demands and can be implemented inside a decade. The affirmative's model would see two major nuclear power stations integrated with coal fired power stations by being located alongside major ones in NSW and Victoria. The Federal Government's \$9 billion surplus would be used to commission the two power stations, to transport the waste to a remote part of the Northern Territory and to store it deep underground perhaps for 2,000 years. \$350 million per annum would be spent in the first few years to maintain the disposal process. Given that Australia is geologically stable, earthquakes are rare and unlikely to cause a major nuclear waste leaking event. Nuclear power can

meet Australia's future demands for energy as we have abundant uranium.

The negative contended that the concept of viability included not just a set of criteria, but also an evaluation of the on balance feasibility of an option. They argued that energy provision was a state matter, that the public did not want nuclear power stations; that there were environmental dangers posed by having such stations; that the implementation of the affirmative's model was not realistic and that power generation alternatives such as wind and sun were available.

Romesh Abeysuriya rebutted by asserting that its burden of proof was to demonstrate a viable option, not necessarily the best option but a feasible one. Yet the affirmative held to the view that nuclear power was not only feasible but the best option. Alternative technologies are relatively underdeveloped. Governments are not elected to please the public but to govern. The protest against developing Lucas Heights occurred but it is still operational. Coal stations cost 3 times nuclear ones to run. The technology is advanced. The lessons have been learned from Chernobyl and Three Mile Island. Accidents can now be avoided or minimised. The government has the money. Climate change and global warming drives the agenda. Something has to be done about CO₂ and methane emissions.

The negative raised the spectre of meltdown and a massive nuclear accident. They doubted federal and state governments could cooperate to achieve the nuclear power stations plan. The plastic containers will leach radioactivity into the environment. The significant benefit did not outweigh the very significant detriment of such a proposal. The public do not support nuclear power stations. What if uranium runs out? How will we extend mining in protected areas

such as Kakadu? They stressed 2,000 years of storage of radioactive waste is a long time.

James Morgan denied the link between viability and public opinion set up by the negative. He rejected the feasibility of wind farms as peripheral suppliers of power and solar technology as underdeveloped technology. For the next decade nuclear power is the way to go. If the fossil fuels run out and the choice is between perpetual darkness and nuclear power stations, public opinion will change to embrace nuclear power. He asserted that governments had to act in the public interest, popular or not. He reiterated the viability of the affirmative's model.

The boys were tight in their team line, persuasive in their rebuttal and were convincing winners of the tenth Karl Cramp title for High. Congratulations to the speakers and to James Barker as 4th speaker. Debating has a proud record of securing at least one state title 2000-2005 – a tribute to the depth and skill of the talent developed by the program.

Athletics Assembly



Our athletics assembly was held on Monday. My speech is reproduced below.

Mr Weidler amused us with anecdotes about his time at school and his association with sports stars through journalism.

Special guest Danny Weidler, parents coaches, staff, students. Welcome to our annual athletics assembly. We are here today to honour our athletics team for the work they have done and their achievements so far and to thank Mr Devlin for his most capable administration of the athletics program at High. There are many people who take on responsibilities as volunteers during the short but hectic athletics season. Mr Gainford is a stalwart. Mr Creer has played a role for years. Mr Baldock has ably assisted the program for the last couple of years. Mr Codey turns out each week as do parent volunteers and Old Boys. However, Mr Devlin's team needs more athletes. We are set up to run a bigger program. All we need is more willing participants.

We are now in our second year of offering athletics to the whole school as a sport. Our GPS team trains separately as we help them to prepare for athletics meets held each weekend during the season. On Wednesdays and Thursdays the rest of the school follows our evolving program. Year 11 boys go to McKay for sprints, 800s and touch football. Mr Baldock has devised a tight program of tests and point scoring. Our rotation of disciplines such as the 100m, 800m, long jump, high jump, shot put and agility testing, has given purpose to the afternoons and generated both student interest and significant data about our students' performances. The scoring has thrown up a number of results that suggest we have some natural athletes who are not competing on Saturdays. High does not have very many athletes. We need every single one we have competing in our team. I urge boys in our assembly who have scored highly on our tests to get involved in athletics competitively. See Mr Devlin about joining the GPS training squad. Have a go. Get into off season training. Join the team for next year.

The AAGPS Athletics Carnival continues to be a most highly regarded, top quality sporting event. It is ably organised, very well attended and widely reported. It had its genesis in a senior athletics carnival 120 years ago at the SCG instigated and organised by High students in 1886. The students presented to you today, will represent our School at this traditional event. I admire the spirit that has been demonstrated by our students over the years as they continue to compete wholeheartedly even when outclassed. Their first goal is to surpass TAS on the point score and go after Scots. Given the accumulated point score system, every race has interest as High boys strive to pass rivals from TAS or Scots to earn that extra point. Every field event has the potential to earn us points.

Our team of athletes gives its all to represent our school in a very tough environment. They would greatly appreciate your support out there at Homebush on Saturday to inspire and motivate them.

It is my pleasure to introduce our guest speaker today, Mr Danny Weidler and to share with you a brief resumé of his life. Danny completed his education at Sydney Boys High in 1986, and has worked as a sports journalist since 1987. He started at *Big League* magazine and has written for *Rugby League Week*, *Sports Weekly*, *Golf Magazine*, *Inside Sport* and has produced radio sports programs. He has also

appeared on radio, talking sport on 2MMM, 2KY, 2UE and 2GB in Sydney.

Danny wrote for The Sun-Herald from 1996, where he covered stories in a wide variety of sports especially rugby league, rugby union, swimming and boxing. He also wrote a news breaking gossip column "The Last Word" which was the most controversial sports page in the country for eight years.

Danny Weidler joined National Nine News in November 2004, and is widely respected by peers for his ability to break big sports news stories. Last year he revealed the existence of a mystery thief on the Australian Kangaroos Tour, was the only journalist to find out the Bulldogs' version of the alleged rape at Coffs Harbour, and revealed the secret bid by the NSW Waratahs for Andrew Johns. He has also broken major news stories, witnessing the startling shooting death of mentally-ill artist Roni Levi at Bondi Beach.

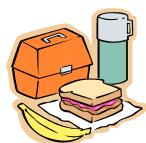
Along with his reporting duties for National Nine News and other programs, Danny writes for Rugby League Week, Inside Cricket and The Bulletin.

Danny has broken his legs four times playing his two favourite sports. Two breaks occurred whilst skiing and he broke both legs whilst playing golf (a friend rolled a golf cart on him). He is married and has a nine-month-old daughter, Sofia.

Danny is obviously a lover of sports. He has a wealth of experience in sports journalism and has earned a high degree of credibility as a commentator about sports issues. Please make welcome Mr Danny Weidler.

Dr K Jaggar

Canteen Prices



As a result of oil price increases and the subsequent increased cost of deliveries, our suppliers have increased their cost prices to us. Because of this, price increases will be inevitable on some canteen items.

Christine O'Reilly
Canteen Supervisor

Gardening Bee



Thanks to the parents and students who managed to find their way onto the school grounds, despite the September 11 Marathon, and complete work in the gardens.

Some members of the school family have been very supportive of the gardening activities over a period of time. William Clegg and his mother Lynne and Philip Tripp and his family have been reliable participants in gardening activities; Jeffrey Tripp opens the boot of the family car and produces every desired piece of gardening equipment from spades to serious power tools. Thanks to all of them for six years of participation in gardening activities.

Other workers on the day were Rano Yeung and his parents Cindy and Stanley (who have donated numerous plants over the past few years); Tom Wilson and his father Bill; Nick Plinko and his mother Tanya, as well as Shane Fernando who all worked solidly for between five and six hours. Max Jones spent his time using his bricklaying skills and the marvellous Mary Ann Cradock, who has made such a significant contribution to the establishment and maintenance of the gardens, weeded and mulched in her usual energetic manner.

There are plans for the improvement of other areas as the year progresses. MaryAnn Cradock and I have collected and propagated plants in anticipation of this work but in some instances, there is construction work to be completed before gardens can be created.



The ongoing support of the Principal, Dr Kim Jaggar, has been vital to all this work especially in providing funds from the budget.

With continued school family support and interest we should be able to contribute to the physical attractiveness of the school for the wellbeing and pleasure of those who spend so much time in these environs.

Please consider joining us on the next gardening day. I think you will find it a most satisfying way to contribute to the school.

Marcia Shepherd

A SPECIAL NOTE FOR YEAR 12 PARENTS

On Friday, 11 November, 2005 (6.30pm – 8.30pm) parents of Year 11 will host a cocktail party to farewell parents of Year 12 on behalf of the P&C and the whole school family.

The function will provide an opportunity to say your farewells to each other and the school in a relaxed and pleasant atmosphere and for the P&C to say thank you to you for the input you have had in the school over the last 6 years, particularly with the establishment of the Year Parent Groups and the Welcome Party for Year 7 Parents which were both instigated and nurtured by your year group.

You will receive a personal invitation to the function shortly, but in the meantime, please put this date in your diary so you can plan to be there.

We look forward to seeing you at the function.

Boggabilla Trip

On Monday 22 August the following students made the return trip to Boggabilla as part of our annual exchange: Tom and Nick Lindeback, Daniel Champion, Alistair & Kieran Taylor, Jeremy Wilson, D'Arcy Blaxell, Vitaliy Tsitalovskiy, Dominic Bowes, Tim Joo, Patrick Locke, Justin Park, Johnny Liu, Neil Street and Gareth Deacon. They were accompanied by Mr Barris and Mr Ryan. The report is written by Jeremy Wilson and Vitaliy Tsitalovskiy

At approximately 5:40 am, after a cold and sleepy wait for everyone to arrive we finally stumbled onto the bus and began our long journey to the middle of nowhere, otherwise known as Boggabilla. Most of us slept for the first few hours or watched as we made our way out of a deserted Sydney. By 8:30 am we were eagerly awaiting breakfast and were very thankful as we finally stopped at Hungry Jack's. We quickly gulped down our breakfast and proceeded to the general store to buy some snacks and entertainment for the bus.

The next few hours were a bit more lively as everyone had a lot more energy from the breakfast. The Year 9s and 7s had a very intense card game going at the back of the bus while the Year 10s dug into the newly bought glossy magazines. A few hours later, we made a quick stop to let everyone stretch their legs and go to the toilet. The next stop we made was for lunch at Muswellbrook. We were allowed an hour which gave us enough time to have a look around the town. Most of the rest of the bus trip was of people sleeping and finding ways to help pass the time. When we finally arrived at Boggabilla Central School at 5:00 pm it was a huge relief for everyone.

We rushed into their gym and spent the next few hours playing basketball and then had dinner. After dinner we started a game which is a combination of American Football and basketball. We were allowed to have showers in the change rooms of the gym and set up our swags and sleeping bags. The gym wasn't such a bad place to sleep because we had the heaters on so it was warm and we had lots of room.

The next morning we were woken up very early and were forced to hurriedly pack up our things for camping. We had breakfast and then were officially welcomed by the school principal and an important community elder. Dr Jaggar and his family also were present and Dr Jaggar thanked the Bogga people for their great hospitality over the last 3 years. We then proceeded on a tour of the area and stopped at the Euraba Paper Mill that is the only industry in the whole of Boggabilla. The mill produces special paper that is sold around the coast. We were shown around the mill and were shown the special process that is used to create the paper. Our next stop was Toomelah Public School where we were welcomed with a well-prepared traditional dance performed by the

younger students at the school. We then went on a walk down to a tree which has had part of the bark chopped off in order to make a canoe. This tree had its bark taken off close to the start of the 20th century and there is a photo showing the actual tree having its bark removed.

After that we had lunch at Toomelah Public School and were shown the historic wall in their library which depicts the whole history of the area and where all the different places are and how they originated. Many historic people are also represented on the wall, in particular the elders involved in rebuilding the original language that was used by the Aboriginal population before they were put on missions.

The next site we visited was a Bora-Ring, which was about half an hour out of Boggabilla. This site was used by many of Aboriginal people many years ago for initiation ceremonies. All around the area you can find chips of rock that are sharpened. The guides said that these chips were from spears and other tools that were used many years ago. We were warned not to take any of these rocks because they have spiritual significance and if they are taken they bring bad luck to the person and people around them.

We then made our way down to our campsite. Half way there, we spotted a goanna in a tree. We arrived at the campsite and went off into groups of about five and set up tents and swags. Many students chose to sleep under the stars in swags. We then entertained ourselves fishing, canoeing and witchetty grubbing. Before night fell each group was given a hot plate, food and everything else needed to make a campfire dinner. We all ate our food and were almost ready for bed but we grouped around the main campfire and heard stories from Matt Priestly, a community worker, and listened to the didgeridoo. The stories explained some of the stars and star patterns. At the main campsite there was also a dead goanna which some of the community workers and Bogga kids had caught. Mr Barris was forced to eat some while some students volunteered to eat it. After that we all headed back to our tents or swags and went to sleep.



During the night everyone was very cold. The temperature dropped to around -4 degrees. In the morning almost everyone woke up to frost-covered swags and tents, one student who will remain unnamed had a patch of frost on the back of his head. Soon a large gathering had developed around the main campfire, all of whom were warming their hands.

Each group was given some bacon, eggs and bread which they quickly turned into breakfast. Soon after we were presented with emu eggs. One was carved and was given to our school while the rest needed to be emptied so we had to drill a hole at both ends and blow the egg yoke and white out. This process took quite a long time and was quite disgusting.

After an hour or two we packed up and headed to the motel. The motel was comfy and clean but not very flashy or exciting. We were allowed an hour before we had to leave to go to Goondiwindi which is a medium sized country town on the Queensland side of the MacIntyre. The town has one main road with a few supermarkets and the like. We had an hour and a half to explore the town but we were bored in an hour and fifteen and sat around waiting for the bus.

We then headed back to the motel en route to Boggabilla central school. We got to the school and played some basketball and touch footy. Soon it was lunchtime and after lunch we played the twice-annual city vs. country touch league match. The game had a friendly atmosphere and the eventual winner was Boggabilla. We were supposed to go to a movie that night but because nothing caught our fancy that was rated appropriately we decided to play sport in the gym instead. For dinner we had a barbeque which was a great chance for the Bogga and Sydney kids to mingle and have fun. The food was delicious

thanks to Mr. Ryan who slaved away at the Barbeque. This also had a positive effect on the school with some students coming back to school for the first time in almost a year. At around nine o'clock we left the school and went to the motel to spend the night.

The next morning we got up reasonably early and went to the school for an official goodbye and Dominic Bowes on behalf of the students thanked the teachers and community members who helped with the trip. We then left Boggabilla where there was a sad feeling onboard the bus as we left Boggabilla and the news that the next trip would not be until 2007 did not help to change the general mood. The trip to Boggabilla is a great experience; we would recommend it to anyone and everyone.

English

Another busy term is rapidly drawing to a close. Ample revision material is available for Year 12 to take with them into the holiday break. This material is available from their teachers and consists of notes and a variety of sample exam papers. We continue to urge Year 12 to complete as many polished responses as possible. A strong focus by the boys at this crucial point leading into their HSC exams is an investment in their UAI's – we wish them well!

Years 10 and 11 are about to undertake their Yearly exams. Year 9 will be completing a common assessment task next week. Information regarding this task is to be given to students by their teachers this week.

As a follow on from last weeks High Notes, printed below is Julius Macefield's winning entry in the 2005 "What Matters" writing competition.

Redfern....It's a Riot!

Julius Macefield (7E)

Boy, I bet that got your attention, but I've lived in Redfern most of my life (I'm twelve) and it truly is a great place to live, yet time and time again the media portrays it as the scapegoat for all of Sydney's social problems and evils. Scarily the public choose to believe

this and this troubles me deeply because if people are so easily misled without really checking the facts what position does that leave those about whom these stories affect? What are the real problems? Why have they come about?

Well, I've grown up with Aboriginal neighbours, enjoyed great street parties, known shopkeepers who've given me free falafel and humus since I could first eat, had my best friend live around the corner....does it sound so different from other children's experiences? Maybe the only difference could be that I'm growing up in a really diverse and multicultural community that should really be a common experience for most children but it's not. So far this has been something to celebrate not fear.

Another difference is that we have an aboriginal community of whom some are so displaced and ruined by a government that can't say 'sorry' and who do commit drug related crimes. The thing is - would there be this horror and lack of compassion if it were another group. It's really easy to fear something you don't know.

As I've got older I wonder if the lack of care our government shows towards indigenous people, refugees and minority groups is influencing the general public's opinion. Are Australians becoming heartless people who believe the spin doctoring of the media and a government that has an international reputation of intolerance? They must be because they are elected by the people. What about the media? I know just by their reporting of Redfern they distort and misrepresent facts to create a good story. Yet as kids we are told not to lie, do the right thing, respect the rules....but we're not dumb, we read, we see, we live we discuss and we make our own opinions.

So, what's my point? Maybe we kids, with our opinions and experiences could help adults see the truth. We are meant to be risk takers in our learning, why don't adults do the same? Most people who fear Redfern should hop on over and experience it the way I do or look for truth outside the media or the government. The truth is out there and if all Australians have the courage to embrace this then I have the chance to grow up in a balanced and fair society. I know many of my friends feel the same and the frustration I feel about Redfern is just a reflection of the bigger problem.

Latin Reading (aloud) Competition



On 1st of September, Sydney Boys High Latin students attended the annual Year 9 Latin Reading Competition held at SCECGS Redlands.

It was an evening on which many schools sent their most prized Latin enthusiasts to compete in the three categories of solo prose, solo verse and group verse. Not only was it a chance for us to test out our skills in Latin oration, but also a chance to interact with the broader spectrum of Latin schools around Sydney. It was very exciting for the Latin students who attended, each having to perform their best before a crowd of many people, and watching the different styles and interpretations of the other schools (some of which were quite amusing).

There was some tough competition for both the individual events and the best overall, mostly in the form of schools such as SCECGS, Queenwood and Sydney Girls, which won three out of the four categories. The competitors were judged by a small panel of judges, consisting of Mr Ian Macleod, Latin expert, and Mr James Uden, professor from Sydney University both involved in organizing Latin events. Despite this, the turnout of schools was not as high as expected, with only 6 schools sending groups of more than 4 people.

Our best performance was by Richard Hua, who managed to gain a place in the solo prose with his rendition of a passage from Cicero's *In Verrem: Oratio*, coming third out of eight competitors and having to face some tough competition. The solo verse speaker was myself, and I missed a place out of six speakers. However, the group verse experienced a less-than-expected turnout, standing in the shadow of other schools such as Sydney Girls and Shore which sent upwards of 20 people.

In the end, we came fourth on overall performance, which was satisfying enough, although we were hoping for a higher place, to match the efforts of the previous

competitors from our school, however next year, with more preparation, we hope to be more competitive in the Sydney Uni competition.

Overall, it was quite an exciting experience for those who attended, and it was wonderful to be part of the Sydney High Latin tradition.

Edwin Montoya

Latin Speaking Competition Success

Members of the Year 9 Latin class went to SCECGS Redlands on the first of September to compete in the Latin Speaking Competition. Mindful of a successful competition held previously, High had high hopes. And we did achieve remarkable results.

Richard Hua, a Latin extraordinaire, placed a fabulous third in his solo prose recital. He spoke with extreme zest, zeal and expression, amazing the judges with his oratorical skills. This achievement got him a book on Greek and Roman history. Our solo verse representative, Edwin Montoya, put Sydney High in fourth place out of six competitors; a good effort. The choral group also performed well, resulting in the whole Sydney High team placing fourth overall, tying with St Aloysius. In the end, Sydney Girls High won the competition, coming first overall with a team of twenty-six people, dwarfing many other teams by sheer weight of numbers.

Sydney High's excellent placing in fourth was a success, the fourth prize being an educational tome about Latin and its history. A special thanks to Ms. Werner for organising the team and for tutoring us with the speeches. Next year's competition is being awaited with great anticipation.

Muhamed Mehmedbašić

Year 9 & 10 Chinese Excursion

We left school at 12:00p.m. We caught a bus and then walked to Darling Harbour from Railway Square. We arrived at the Chinese Garden at 1:00p.m. Upon arriving at the Chinese Garden, we received a worksheet. The first 20 persons to hand it back to the teachers and get the answers all correct would win a prize. As we walked around in the Chinese Garden, we admired the scenery. What a beautiful sight! Limestone rocks, Chinese art, lotus flowers and Chinese-style buildings were constantly before our eyes. Unfortunately, Danny fell into the pond but caught a fish! (just a joke ^-^). At 1:45p.m., we set off to East Ocean Restaurant. We sat at tables of 12 and drank jasmine tea, coca-cola and lemonade. We ate Xia Jiao (prawn dumplings), Xiao Mai (pork dumplings), fried rice, fried soy-sauce noodles, custard tarts, etc. Such a delicious lunch!



Thank you Ms Fleming, Ms Zhang, Ms Yang and Ms Liang for this WONDERFUL excursion.

**Tony Cai
& Danny Fu**

Fencing News



Congratulations to SBHS-Blue, SBHS-Black and the SBHS Mini-A team who have qualified for the 2005 NSW Schools Fencing

League Finals.

SBHS is well placed in the Senior Boys Division B, with SBHS-Blue being ranked equal 1st and SBHS-Black 10th. Minis-A are ranked 6th in the Mini Boys Division.

A great result was achieved by a number of fencers, with the most successful fencers on the last day of the preliminaries being Lixang Li, SBHS-Gold and Yu Lin, SBHS-Blue.

Please remember that the finals are fenced in a direct elimination format and if your team is

not ready on time it will be automatically eliminated. Hence, all finalists have to arrive 30 minutes before their allocated time to equip themselves and to warm up. All three teams are expected to have four fencers at this event. If a regular fencer is unable to fence a lower ranked fencer should take his place.

The Finals are being held this Saturday, 17th of September at Newington College and all fencers should check the fencing noticeboard (near room 104) for the timetable and the website www.nswfencing.org.au for any late changes.

Good luck and all the best this Saturday.

NB Please return all borrowed fencing gear to the school on Monday.

From the PDHPE Department Year 10 PDHPE Lectures Evaluation

On Tuesday 30 August, Year 10 attended a series of presentations by Waverley Action for Youth Services (Adolescence and sexuality), Positive Speakers Bureau (People living with HIV/AIDS) and the Motor Accident Authority/Wheelchair Basketball Roadshow (Road accidents and their consequences).

Sixty one of the 166 students who attended the presentations were surveyed. Each respondent was asked to rank the lectures 1 – 10 (1= low, 10=high) and offer a comment. The comments were optional. There were 135 positive comments and 14 negative comments.

Waverley Action for Youth Services lectures scored a mean of 7.9 out of 10.

Comments included:

- Fun (23 responses)
- Informative (21)
- Interesting. Educational (5 each)
- Turned a taboo topic into a fun and informative topic.
- Although slightly embarrassing, I actually learnt lots.
- We learnt a lot about safe sex.
- Conducted in a relaxed open way.
- A little embarrassing.
- A little boring.

Positive Speakers Bureau lectures scored a mean of 7.5 out of 10.

Comments included:

- Inspirational (10 responses)
- Informative (5)
- Very emotional (4)
- Hard to relate (2)
- Too long (2)
- Moving. Uplifting. An amazing story (1 each)
- Very good insight into living with HIV
- I was moved by his very tragic story
- Scary, it really made you think
- Very eye opening, a touch of reality
- Brought the reality of STIs
- Needs more time
- It was a bit dull
- Nice story but not important
- Not really relevant, I'm not gay

Motor Accident Authority/Wheelchair Basketball Roadshow scored a mean of 9.0.



Comments included:

- Fun (29 responses)
- Informative (7)
- Should be longer. Raised awareness (3 each)
- Inspirational. Wheelchair basketball was cool. (2 each)
- Wheelchair basketball ruled.
- Scary.
- Very powerful message
- A tad repetitive.
- Didn't learn much.

G. Stein

HT - PDHPE

Volleyball Report #13

Match Report from the U16s, at the last Metro Schools Cup.



On the dawn of the Volleyball tournament the mighty 16s volleyball team was rocked with the sad news that star player Danny Ng was unavailable due to an ankle injury. Our team has just hit a new low. Nevertheless, the 16s team bravely carried on right throughout the tournament showing what true High spirit is.

They fought all through the day, right through till the last point without giving up. Good work!!

We were placed in a rather tough pool against the likes of Christian Brothers, Baulkham Hills, Vostok (representative team) and Fairvale. Despite the daunting task which was placed ahead of our team, we managed to be competitive in all our games which is good to see.

Our team consists of Zid Mancenido, who is our setter. He can play awesome volleyball when he gets his mindset right. He is known to get distracted by volleyball girls watching the game which is a bit of a worry. Warren Trac, our captain, stands at a staggering 6 foot 1 and always gives his hardest spike usually spurring the whole team. Unfortunately this comes right towards the end of the game when the opposition can smell a victory. Ping is our other middle and is known to make remarkable saves by kicking the ball all over the complex. Ping has amazing potential and can hit the ball really hard. Our universal is Johnny Shih and is really easy to spot. He is a consistent player and has a remarkable setting ability compared to other players. Albert Ng and Daniel Chim are the two remaining players that had a blinder of a tournament that really balanced the team. They are furious workhorses that try their best on and off the court.

Finally we couldn't do anything without the help of super coach Yang Sim who urges on the team with smart decisive decisions and barking out words of endless advice.

Although we got eliminated early in the tournament we can only carry on this experience to the next tournament full of confidence.

Danny Ng

What's Happening in Volleyball:

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|----|------------------------------------|---|
| 1. | Saturday 15th October | Referee accreditation for 15A, 17s and First Grade. |
| 2. | Sunday 5th December | Australian School Volleyball Championships in Melbourne until the Friday 10th December. |

From the Mathematics Faculty

Prisoner's Dilemma and Game Theory

Source: *times.hankooki.com*. Author: *Chang Se-moon*

Have you seen the movie, "A Beautiful Mind"? The movie won an Oscar for the best picture in 2002. The movie depicts the life of mathematician John F. Nash, Jr. Professor Nash was born on June 13, 1928 in West Virginia, was diagnosed with paranoid schizophrenia, but overcame this illness and won the Nobel Prize in economics in 1994 for his development of the game theory.

Let us explore the game theory. Many economists believe that the business strategies of large corporations can be explained by the game theory.

A game is a situation in which two or more decision-makers (called players) pursue objectives usually in conflict (called payoffs) through decisions made on alternative actions (called strategies).

Put differently, a game requires three pieces of information: players (that is, decision-makers) of the game, strategies (that is, alternative actions) available to each player, and the payoff (that is, rewards of conflict) received by each player for each combination of strategies that are chosen by the players.

In game theory, we are not talking about games of chance such as a slot machine in which players *supposedly* do not need skill to play.



Games in the game theory are games of strategy in which the outcome varies with the course of action that decision-makers deliberately undertake.

The key assumptions of game theory are:

- (a) that each player acts rationally in pursuing his or her own interest, and
- (b) that each player recognizes that competitors also act rationally.

Without the assumption that players are rational, game theory does not work.

One of the most famous games is a prisoner's dilemma. Two criminals committed a crime together and were caught. They were put in separate jail cells so that they could not talk to each other. So we have two players in the game. Strategies available to the two players are either to confess or not to confess. Payoffs are jail time that varies with what prisoner A and prisoner B decide to do.

Assume that if both prisoners confess the crime, both will be sentenced to two years in jail, and if both do not confess and claim innocence instead, both prisoners will be sentenced to only one year in jail over some minor violations.

Finally, assume that if one prisoner confesses and the other prisoner does not confess, the prisoner who confesses will be sentenced to jail for two years and the stubborn prisoner who does not confess will be sentenced to jail for 10 years. Would you confess or not confess if you were one of the two prisoners?

If you confess, the worst case will be two years of prison time. If you do not, it can be one year if his partner also does not confess, or it can be as many as ten years of prison time if his partner confesses.

Prisoners are in a dilemma because it would be best if neither of them confesses, but both feel that confession may be the sensible thing to do. We assume that they committed a crime together for the first time and thus had not had a chance to promise each other never to confess if caught.

If it is a repeat game, answers may be different. Given this information, both are likely to confess. The dominant strategy is thus confession by both players. Sometimes, the dominant strategy is referred to as the Nash equilibrium. The Nash equilibrium is a solution in which neither player wants to change his or her choice of strategy, when the other player's choice is revealed. The Nash equilibrium is said to be a strictly dominating strategy in the sense that the strategy is the same regardless of the action taken by the other player.

Games such as the prisoner's dilemma are called *non-sequential* games in that one player has to make the decision without knowing what the decision of the other player is.

When a player makes a decision after he or she finds out what the decision of the other player is, the game is called a *sequential* game. Sequential games are usually explained in terms of a game tree. Let us go over an example of a game tree. Assume that both Apple and Samsung have been working on the next generation of iPods and that both want to know when they should introduce their new iPods to the market.

We assume that Apple is ahead of the game and thus will be making a decision first. Strategies available to Apple are to introduce the new iPod now or to introduce it later.

Depending on what Apple does, Samsung then makes the decision of whether they should also introduce their new iPod now or later. This means that there are four different payoffs or profit potentials that Apple and Samsung need to consider. The four payoff choices are: (Now by Apple, Now by Samsung), (Now by Apple, Later by Samsung), (Later by Apple, Now by Samsung), and (Later by Apple, Later by Samsung).

Once Apple makes a decision, it has no control over how Samsung makes its decision. Depending on what Samsung decides, however, Apple knows how much profit it will be making.

Assume that if Apple introduces the new iPod now, Samsung will also introduce its new iPod now believing that Samsung can make more money by introducing it also now. In this case of Apple introducing the iPod now, Apple knows how much it will make since it is clear that Samsung will also introduce its iPod now. Assume, this time, that if Apple introduces the new iPod later, Samsung will still introduce its new iPod now believing that Samsung can make more money by introducing it now.

In this case of Apple introducing the iPod later, Apple also knows how much it will make since it is clear that Samsung will introduce its iPod now. All Apple has to do is to compare the profits it will make between the two choices and make a decision.

Game theory is valuable because it can be applied to a wide variety of real problems. It can be applied to firms that consider changing prices to deter other firms from entering the market.

It can be applied to the relationship between manufacturers and retailers regarding their options of continuing after-sale services. In all business cases, it is easy to identify players and strategies.

However, I have to admit that it is not easy to identify payoffs, making it difficult to actually make decisions based on game theory. Real problems are not supposed to be easy to solve.

A couple of terminologies on game theory may be of interest to you: zero sum and nonzero sum games. Zero sum game represents a competitive situation of pure conflict in which a player's win is at the expense of another player's loss. All sports are basically zero sum games assuming that there are no ties since if one wins, the other has to lose.

Apartment lotteries in Korea are zero sum games since one person's win results in another person's loss.

A non-zero sum game is characterized by varying degrees of common interest as well as competition.

When workers go on strike and the company shuts its doors as happens so frequently in Korea, the total loss is greater than the combined loss to workers and to the company because there are many other businesses that suffer during the strike.

This is a non zero sum game that may hurt the economy for a long time. When a person quits smoking, he will benefit, but others around him will also benefit.

This is a non-zero sum game in which benefits clearly spill over to others beyond the person who benefits directly.

When negotiations with North Korea succeed through give and take concessions, the combined benefits of the successful negotiation to all parties will be much greater than the monetary value of concessions made during the negotiation. This is a non-zero sum game that will benefit everyone for a long time.

Some Photos from Athletics





Parents, Members of Staff
and
Year 12 Students
are cordially invited to

Afternoon Tea
in the Courtyard

at the conclusion of the Farewell Assembly, on Tuesday
September 20, 2005

The Farewell Assembly commences at
1.30 pm
In The Great Hall



LOOKING FORWARD TO THE HOLIDAYS?

RELAX WITH A LOVELY CUP OF COFFEE FROM ELBON



Orders by end of lunch Tuesday, 20 September

Delivery with your son Friday, 23 September

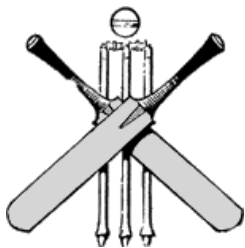
All funds assist the
125th Anniversary Project New Library and Performing Arts Space

HAPPY SIPPING!!!



HAPPY SIPPING!!!

GREAT COFFEE FOR THE HOLIDAYS



High Cricket Bulletin



The weekly newsletter of Sydney High Cricket

www.sydneyboyscricket.info

16th September, 2005

What a week it has been. Many tired eyes have been seen around the place recently as everyone stayed up to watch the drama of the Ashes unfold. It was a tremendous series and a great thrill to watch. If you weren't yet thinking cricket, you surely must be now.

Next week the school summer season starts in earnest with Wednesdays coming back into play. Be sure to keep a lookout for any notices about where you need to be. The first few weeks are crucial to setting up a good season and making sure everyone is in the right team. Don't forget, if you can't play GPS cricket on a Saturday, you will need to choose a different sport. We need to be confident that all those selected in sides will be there when it counts, and also that all those wanting to play competitive cricket for the school are being given their opportunity.

The camp is also approaching fast. Along with the 25 players announced this Sunday who will contest 1st & 2nd XI selection, 10 players will be attending in addition as preparation for the visiting touring teams we will receive this season.

Changes have also been enforced to many grades this season by the GPS, as were outlined last week, and it is very important that you all check the website for more details about those changes. Changes include a modified form of the game for our group 2 teams which should ensure more involvement by all the side, and more competitive results across the board.

DON'T FORGET PARKING AFTER SCHOOL TODAY. Please help High cricket gain extra funds, and earn some points for your Awards Scheme.

Everyone seemed to struggle with our last quiz. Only one response was received, from an Old Boy and he was only half right! These questions will challenge everyone. Check out this week's quiz and if you know the answer, email it to sydneyhighcricket@hotmail.com. Don't forget to include your name.

Also, be sure to check the cricket website at www.sydneyboyscricket.info, for more information. KJL

Question 3: A current maths teacher at High coached the 2nd XI to its first premiership in which year?

Email your name & answer to sydneyhighcricket@hotmail.com

Answer 2: The McKay synthetic pitches are named Gallie and Brand, after the coach and captain respectively, of the 1968 premiership 1st XI. Gallie is the one closest to McKay No. 1.

Results

**Parking today
16th September
for the
A-League:**

**Sydney FC
vs
Central Coast**

**Anyone who
helps earns
points for the
Award Scheme.**

Fixtures

**23rd - 25th
September
Senior Camp
NSWIS**

**15th October
Trial Match
vs Grammar**

**22nd October
GPS Rd 1
vs Scots**