Calendar Events

**Week 7**

- **Monday June 10**: Queen’s Birthday
- **Thursday June 13**: Regional Cross Country

**Week 8**

- **Tuesday June 18**: Parent Teacher Night (Years 11 & 12)
- **Friday June 21**: Semester Awards

**Week 9**

- **Monday June 24**: Yr 10 STW Focus Week Zone Athletics
- **Wednesday June 26**: Variety Night
- **Friday June 28**: Reports posted (Years 7-10)
  - Last Day of Term

**Week 1- Term 3**

- **Monday July 15**: Staff Development Day
- **Tuesday July 16**: School resumes (all students)

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### Recipient’s of PBL Raffle Prize Draw

<table>
<thead>
<tr>
<th>NAME</th>
<th>Year</th>
<th>Wk/Term</th>
<th>PRIZE</th>
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<tbody>
<tr>
<td>Abiya Harif</td>
<td>7</td>
<td>Week 3/ Term 2</td>
<td>$5 Canteen Voucher</td>
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<tr>
<td>Tony Yang</td>
<td>8</td>
<td>Week 4/ Term 2</td>
<td>$30 Movie Voucher</td>
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<tr>
<td>Sovanjeakhena Hut</td>
<td>7</td>
<td>Week 5/ Term 2</td>
<td>$10 iTunes Voucher</td>
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<tr>
<td>Ishan Gupta</td>
<td>9</td>
<td>Week 6/ Term 2</td>
<td>$20 App Voucher</td>
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**PBL Tickets – Raffle Prize Draws**

You will notice in the column to the left, a list of students who have recently won our newly introduced PBL Raffle draw. With the launch of our new approach to learning, Positive Behaviour for Learning or PBL, students receive tickets for demonstrating the qualities of being a safe, respectful learner. Each week, students show their tickets to their PCG teacher when records their details students then drop their tickets in the raffle box in the Library. Each Wednesday on assembly, a ticket is drawn and the winning student receives a prize such as a canteen or itunes voucher or even a movie pass. Each week we will have a different prize! The tickets do not replace our merit or academic awards. These will still be awarded.

Congratulations to the students who have won the raffle prize draws so far. The names of the next group of winners will be published in our next edition of this newsletter.

**Semester Awards**

We have notified parents whose children will be receiving an award at our Semester Awards ceremony on 21 June by letter sent home with their child. I do hope that parents are able to attend this important event, where we recognise student achievement and effort. Congratulations to all those students receiving awards. Look forward to presenting you with your award in Week 8.

**Reports**

Half yearly reports for Years 11 and 12 have been posted home as per our schedule. Reports for Years 7 – 10 will be posted on 28 June. Parent Teacher Evening will be on June 18 for Years 11 and 12 and July 23 for Years 7 – 10. Booking information has been distributed.
for the senior event, with information about the junior evening going home via the reports. If you have any concerns about the reports or the Parent Teacher nights, please contact the school.

P&C Meeting
There has been a change to the date of the next P&C meeting. The next meeting will be held on 19 August at 7.30pm. All parents are invited and very welcome.

Mrs J Dolstra
Principal

Information and Digital Technology – Years 11 and 12
The current HSC program for the Certificate II in Information Technology has been upgraded to Certificate III in Information and Digital Technology giving students the opportunity to achieve a certificate of attainment in most of the modules of competency offered under this program.

Students have the opportunity to learn how to work effectively in the IT environment; how to troubleshoot common computer system problems using a number of software diagnostic tools to pinpoint specific problems and to identify a solution to fix that problem. These studies include the practical installation of operating systems such as Windows 7 and Ubuntu which is one of Linux versions. The major focus of this course is the design of a website using Adobe applications such as Dreamweaver, Photoshop and Flash, and some HTML 5, Java Script and CSS (Cascading Styles Sheets).

An important component of this subject is work placement in the IT industry for a total of two weeks, where students have the opportunity to apply what they have learned in class and gain first hand experience of working in an IT environment dealing with real issues such as building a computer for a customer or troubleshooting and fixing computer faults.

VET Sport Coaching
The PDHPE faculty is offering Sport Coaching in Years 11 and 12 this year.

Sport Coaching is a VET subject that focuses on skills required for employability in the sporting industry. The course is competency based and students are expected to complete a range of theoretical and practical units.

The Year 11 Sport Coaching students have completed a Beginning Coaching Principles Course and are currently running Rugby League coaching sessions with the Year 7 students. They are working in small groups and coaching a range of Rugby League skills.

The Year 12 Sport Coaching students have been working on a range of coaching sessions for junior athletes to develop their fundamental movement skills and netball skills.

Sport Coaching is a course that is very useful for students looking for a career in the sports industry. Sport Coaching students have been participating in a range of work placement opportunities including officiating at Athletics Carnivals, assisting at sport and working at the local fitness centre.

Students who complete the Sport Coaching course will achieve a Certificate II in Sport Coaching, a qualification that is recognised nationally. This qualification provides the skills and knowledge for an individual to be competent in assisting senior coaches in the
planning and implementation of instruction for a range of sports.

**Hospitality**
The new syllabus in Hospitality – Multi-Skilling is designed to provide students with training and experience in restaurant service, preparing and serving espresso coffee and the preparation of foods suitable for service in a coffee shop or take-away outlet. The skills our students will gain will hold them in good stead when seeking employment, on a part-time basis, while pursuing tertiary education.

Year 12 students are currently studying the core units and a practical unit entitled “Serve Food and Beverage to Customers”. This unit helps them to extend their knowledge and skills in making various hot and cold beverages.

Hospitality students cater for various school functions throughout the year. These functions give the students the opportunity to experience working in real life catering situations.

Work placement has been completed by Year 12 students with feedback from employers being very positive. Some students were offered part-time employment by their work placement employers. Year 11 are currently preparing for their first work placement which is scheduled for Terms 2 and 3. **During work placement, students should not make any appointments which may require them to take time off work as it is a mandatory component of the course.** Work placement is organised by the Macarthur Workplace Learning Program who also has a very informative website which is well worth visiting – mwlp.com.au.

**Food and Textiles Technology**
The staff in the Food and Textiles Technology Department have been working very hard teaching students exciting and innovative programs. Students have been involved in a number of activities over the year which has been very exciting as they have highlighted the excellent skills of our students and the ability to adapt in a realistic working environment.

**Enrichment Course - Year 8 Creative Enterprises**
Creative Enterprises has been very popular this year again with students developing their coffee skills for future employment. Students enjoy a selection of cakes, café food and slices with a hot beverage. Students design menus including a choice of food and beverages and develop skills of service, cookery and the use of a commercial Espresso machine. Students will make donuts this year on Celebration Day. We are pleased to report that we have been able to increase student experiences through the purchase of Café blenders, food processors and milk shake blenders. This has enabled other beverages such milk shakes, smoothies and frappes to be created and dispensed in a café environment by our students. What great skills they will have to offer when they are ready to seek part-time employment especially as there is a growth in the coffee shop sector!

**Technology**
Year 7 Technology classes have designed and produced healthy snacks for teenagers. For the next unit, students will be undertaking a new and exciting program in line with current trends in food production. They will produce aesthetically pleasing and delicious cupcakes and slices for marketing and consumption in their Technology classes.

**In Textiles**, students will be focusing on the issues of environmental sustainability and will produce a carry bag. They will also design and create a lovely and functional cushion during their textiles classes. Each class will have an opportunity to experience all areas as they swap subjects so that all students will have experienced both Food Technology and Textiles Technology and therefore develop their skills in both areas.

**Food Technology**
Year 9 Food Technology classes have been learning about food in our culturally diverse country and the importance of a nutritious diet. Students were given the opportunity to make a meal from another country as part of their...
study into different foods and cultures. Students enjoyed taste testing each other’s dishes. From this, they will progress to investigating the composition of food and its contribution to a healthy lifestyle. They will look at food which imitates each of the nutrients and as a result a mixture of healthy and not so healthy food will be prepared.

In Year 10, students are in the process of developing their own product. This innovation is extremely open as the medium that is used is ice-cream. Students are enjoying the regular taste-testing of their products and are encouraged to take it home in an ice pack, but unfortunately many of them are eating it before it reaches home or storing it in the freezer and nibbling some each day. It is a reminder that all Year 10 students need to complete assessment tasks for their Record of School Achievement (ROSA).

Community and Family Studies
Students in Year 12 have been studying the role of parents in all their forms and how carer relationships are important in society. This year we have purchased our babies Sophie, Bethany and Kanye. These babies give students a “taste” for real life parenting. Students take them home over the weekend and get assessed with their results the following week. The next topic students will study is the world of work and its role in society. During this semester we have been focusing on essay techniques and questioning to assist students in answering HSC questions. All students are encouraged to practise writing these essays to develop their skills for the HSC.

Industrial Arts and Computing Studies
The Industrial Arts and Computing Studies areas are two very interesting and dynamic areas. Where a fictional book, mathematical formula and even history generally remain unchanged throughout time, the work completed by students in our areas is constantly changing to reflect the current social, economic and environmental values of the time. This makes the study of Industrial Arts and Computing Studies subjects extremely relevant, particularly with the growing need for engineers, skilled tradespeople and the booming information technology industry.

At Macquarie Fields High School, Industrial Arts and Computing Studies are a combined faculty teaching a broad range of technology related subjects. Year 7 students study Technology (Mandatory) as an introduction to both the Industrial Arts and Home Economics areas. As they progress through the school, students have the opportunity to choose areas of study in fields such as: Industrial Technology (Timber, Metal and Electronics); Graphics Technology; and/or Information & Software Technology in the junior school. Senior students may elect to study Industrial Technology; Engineering Studies; and/or Software Design & Development. Our four Industrial Arts and Computing Studies staff include: Mr F. Pinget; Mr A. Prasad; Mr G. Byrne; and the Head Teacher, Mr D. Ralston.

Students in our school are very fortunate to work in modern, well resourced and maintained Timber, Metal and Electronics Technology practical rooms. These are exceptionally important places of learning, particularly when we consider that the surrounding geographical area is very strong in the fields of Engineering; Timber and Metal based manufacturing and Electrical trades. All of the equipment
available for student use is industrial standard, with updated and more current tools and equipment purchased as funding allows. These facilities allow students to develop an extensive understanding of industrial processes and acquire knowledge and skills that are useful in both post school education and the workplace. Anecdotal evidence suggests that the study of Industrial Arts and Computing Studies subjects is extremely beneficial to students who go on to tertiary study as they gain an appreciation of what it means to be an autonomous learner.

We also feature two well equipped Graphics/Engineering/Computer labs, where our students gain experience using a variety of tools such as Computer Aided Drawing (CAD) software and Simulation programs. The problem solving and analytical skills demonstrated by students when completing tasks in these labs help them to perform well in tertiary study, in the workforce and in the community.

Students have been making use of recent investments in current technologies such as the Computer Numerically Controlled (CNC) Router, 3D Printers and high quality Festool Router Table. Our staff take great pride in being able to provide students with a high quality technology education using a wide range of appropriate resources.

**Graphics Technology**

Students from Year 10 Graphics Technology have developed skills over the past few weeks in moulding architectural house plans. During the first semester, Year 10 Graphics Technology students have been working to create models using 3D printers. This was achieved by designing a virtual sketch of the final product using Google Sketch Up. It was then later converted to an STL file allowing the virtual image to be transferred into a 3D model. This is an example of one of the students (Hamza Butt) Year 10 Graphics creation of a shark using the 3D printers.

- Megan, Nilima, Nazifa, Hanna, Brendon, Connor & Alekhya

The first process was to create an image on Google Sketch Up Pro and convert it into an STL file as shown in this image.
This image displays the functions of the 3D printer.

This is the final product of the project.

It is planned that Year 7 students will be able to use the 3D Printer to create small objects like key tags. Senior Industrial Technology students will use the 3D printer to model their projects to gain a better idea of scale and proportion.

### Year 9 and 10 Information and Software Technology

This subject offers students the opportunity to develop analytical and problem solving skills in areas such as Artificial Intelligence and Software Development.

A special area of interest for students is robotics and programming games. Programming allows students to use their creativity to enhance their problem solving skills while having fun at the same time. The development process includes the production of a solution involving an algorithm in the form of a flow chart, and the actual coding of that algorithm using a programming language.

Students who want to develop their skills in programming find that Senior Software Design and Development offers them the opportunity to learn more about programming and to enhance their analytical and logical thinking.

### Junior Industrial Technology

Students in the junior years study Building & Construction, Metalwork, Electronics or Woodwork. These students gain an appreciation of the materials, technologies and process involved in designing, creating and evaluating products relevant to their chosen area of study.

With a new approach to Year 9 Industrial Technology – Timber this year, a small group of students have been identified as possessing the required skills and attitude, to complete a
writing suite comprising of a chair and table. This will showcase their ability to apply a more demanding range of skills while manufacturing pieces of furniture that they can use at home. This is a long term project and students are not expected to complete both pieces until midway through the Year 10 course. Other students will continue their skill development with the completion of a padded stool, small table and a woodturning project.

Projects for 2013 include: a rocking chair; acoustic guitar; hall tables; entertainment units; small cabinets; a lounge and bookshelves. Students also complete a Project Management Folio that details how they have made their project; the research required to make decisions about the project; drawings and evaluations.

Senior Industrial Technology

The Higher School Certificate Industrial Technology – Timber Products & Furniture Technologies class is working towards achieving another year’s worth of excellent results. They are working so well that the projects being completed by these students have been selected to be used in the HSC pilot marking process! Their projects will be used to set the standards that all projects around the state will be compared to.
Awards
This year we have started manufacturing our own faculty specific awards and presenting these to students who have earned them, based upon teacher observations and discussion. The four categories we award are:

Young Designer – awarded for creativity when designing or modifying projects;

Craftsmanship – awarded for high quality practical project work;

Research & Development – awarded for outstanding project research or skill development; and

Engineered Solutions – awarded for problem solving.

Congratulations to the following students who have been acknowledged for their outstanding work so far: Craig Nguyen (R&D), Daniel Maric (C), Anthony Lotfi (ES), Damien Chand (C), Krishna Deshikan (ES), Bryce Ritchie-Manns (YD), Jayden Ripinskins (YD).

Engineering Studies
Our Engineering Studies students always achieve excellent results. They always appreciate the efforts of the Industrial Arts staff in helping them while studying Engineering at Macquarie Fields High School and in tertiary study. Bharath Balkatta is one such student who undertook an Internship at Schenk Process while completing his engineering degree. The following is from the Schenk Process newsletter.
Business Services

Year 11 and Year 12 Business Services classes have been working hard in class and on work placements to meet the course competencies for their Certificate 2 in Business Services. This Certificate 2 will qualify them to begin a TAFE course with advanced placement in Business Services or to go straight into an office based job. Year 12 Business Services students are working on the units: Work Effectively in a Business Environment and Process and Maintain Workplace Information. Year 11 students are working on the unit Deliver a Service to Customers. Students are also learning valuable workplace skills including: word processing, safe use of business technology and keyboard skills. Teachers are now looking to thoroughly prepare our Year 12 group for the Higher School Examination if they have opted to do this.

Ms Wiecek and Mr Baker

Brigitta Maric, Sean Allington and Angeline Prakash practising their touch typing.

Careers

The focus for the Careers Faculty in Term 2 has been our Year 12 students, who are moving into a very exciting period of their lives. In the near future these young adults will be required to make defining decisions about where they may wish to take their lives. With a significant proportion of our students looking to university as their next step, we have endeavoured to provide students with as much information as we can, to allow them to make informed and wise decisions about which university they may like to attend. With no certainty of what their ATAR will be, we stress the importance for them to have back up plans and be aware of some alternate pathways into competitive courses.

We recently invited representatives from the universities most chosen by our past Year 12 graduates to come into our school and provide our current Year 12 with information about their campuses, courses, and university life in general. The four universities invited were, the University of Western Sydney. The University of Technology, the University of New South Wales, and Sydney University. Our students were offered these seminars during their lunchtime and around 70 students attended each one of these presentations, which demonstrates their willingness to make informed decisions.
UWS Day was held on the 4th of June. On this day approximately 100 Year 12 students experienced a day at the University of Western Sydney, Campbelltown. As well as promoting our local university the students were also introduced to ‘Uni Life’, and were able to move around the Campbelltown campus and attend short seminars on topics or subjects they were interested in. This day went well and from student feedback, it seemed clear that even students who were set on Sydney based universities, were impressed by what UWS had to offer.

Year 12 students were also offered a chance to attend a local Careers Expo held at Centennial Stadium in Minto on the 6th of June. This expo was put together by local Careers Advisers and encompassed a diverse range of exhibitors. This was a fantastic opportunity for some of our students who may not have been too sure what they wanted to do. From traineeships and apprenticeship through to TAFEs and Universities, our students were well and truly given all the information they may need to consider about future occupations.

Mrs J Buckler  
Head Teacher Administration/Careers Adviser

Photo’s from Careers Expo