Calendar Events

**Week 3**

- Monday 27 July: Yr10&11 Information Evening 6pm-7:30pm
- Tuesday 28 July: Regional Athletics
- Wednesday 29 July: Regional Athletics, Pop Up Classroom
- Thursday 30 July: Australian Maths Competition
- Saturday 1 August: Selective Tests Yr 8-11

**Week 4**

- Monday 3 August - Friday 7 August: Yr 12 TRIALS
- Wednesday 5 August - Friday 7 August: Crossroads Camp

**Week 5**

- Monday 10 August - Friday 14 August: Yr 12 TRIALS

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**PARENTS PLEASE NOTE**

**Students absent from school**

Please note changes to School Attendance Policy and Procedures outlined in the Principals report. Where a student is absent from school, a note explaining the absence must be received by the school within 7 school days. Where a note is not received the absence will be recorded as unjustified. This cannot legally be changed should a note be received after 7 days. Absences both justified and unjustified are recorded on school reports.

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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>
</tr>
</thead>
<tbody>
<tr>
<td>Talara Austin</td>
<td>11</td>
<td>Week 10/Term 2</td>
<td>Nike Jacket</td>
</tr>
<tr>
<td>Scott Graham</td>
<td>10</td>
<td>Week 10/Term 2</td>
<td>$30 Movie Voucher</td>
</tr>
<tr>
<td>Michaela Rist</td>
<td>10</td>
<td>Week 10/Term 2</td>
<td>Nike Jacket</td>
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**From the Principal**

Welcome to Term 3! As with most of the school year, Term 3 is another very busy term, especially for students in Year 12 and their teachers. Year 12 students will commence their Trial HSC on Monday 3 August. Students have been issued with their timetables for these examinations and should refer to these as they prepare. We wish all Year 12 students the best for these important exams.

There are a number of other important events and initiatives coming up this term including the Year 10 into 11 Information Evening on Monday 27 July from 6 - 7.30pm. Please ensure you check the calendar for any other significant events.

**Introduction of Prefects 2015 -2016**

One major new initiative for 2015 – 16 is the introduction of Prefects. Students were asked to complete an Expression of Interest. Applicants were asked to follow up this EOI with a full application. Last week, Ms Shakespeare, the SRC Coordinator and I interviewed the students and from there, we will select those students who will become Prefects and those eligible to be considered for election to Captain/Vice Captain. Elections for the Captains/Vice Captains will be held shortly. Thanks to Miss Shakespeare for her coordination of this initiative.

I spent quite some time with the applicants for these important leadership roles and I must say I was very impressed by the calibre of candidates. I would like to wish all those standing for the election all the best and I congratulate all those selected as our very first Prefects at Macquarie Fields High School! Once the process is finalised, I will publish the names of the successful applicants and their positions. Induction of our new student leaders will take place at the
Commencement Ceremony for Year 12 on Day 1 of Term 4.

**Education Week**

Week 3 is Education Week and once again, we will be showcasing our school at the PopUp Classroom, to be held at Macarthur Square Shopping Centre on Wednesday 29 July from 10am – 1pm. We will be located near Big W so if you are in the centre on the day, come along and help us present our best to the community – bring grandparents and any pre-schoolers as well – the more the merrier! Thanks to Mr Celestino for his organisation and to Macarthur Square Centre Management for their willingness to host us again this year.

Please keep an eye on our website for more information regarding the many events happening this term. We also hope to launch our new app and Facebook page to keep you even better informed about the daily happenings at Macquarie Fields HS!

I hope you enjoy reading the report from the Mathematics Faculty and the wonderful poetry submitted by members of our Poetry Club – just a glimpse into the busy world of our school!

*Mrs J Dolstra*
*Principal*

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**MATHEMATICS FACULTY**

**Australian Curriculum Update**

The Australian Curriculum has now been implemented across Stages 4 and 5. New syllabuses for Year 7-10 are being taught, with students building knowledge and skills in the areas of Number and Algebra, Measurement and Geometry and Statistics and Probability. Learning will be demonstrated as students engage in Working Mathematically processes and applications. The student textbook is New Century Maths, and each student has been issued with a copy. The digital age continues to express itself in the form of enhanced learning and each student has the opportunity to engage with additional material through their Nelsonnet accounts. This resource will complement the learning in class and offer remedial or extension activities that students can be involved with online. Students have the choice to bring to class the PDFs of their textbook on their device or the actual textbook.

Students are able to access the NelsonNetBook and the linked learning resources by using the student Access Code which is located in the text book. If there are any difficulties please see your Mathematics teacher.

There are three simple steps to follow:

2. Login and add the resources to the bookshelf.
3. Access the range of digital resources.
Maths Challenge 2015
The Mathematics Challenge for Young Australians is another successful event on the Mathematics Calendar. Running over a 3-week period at end of Term 2, 10 students from Years 7, 8, 9 and 10 are participating in this Challenge.

This is a problem-solving activity organised by the Australian Mathematics Trust which is aimed at the top achieving students in their year level. They are then required to present written solutions to as many of these problems as they can. The problems are challenging and require time and persistence, but are based on mathematics which should be known at that level. Students will be able to work with a partner on two of the problems, however, individual solutions must be submitted.

Sample question:
I6 Crumbling Cubes:
A large cube is made of $1 \times 1 \times 1$ small cubes. Small cubes are removed in a sequence of steps. The first step consists of marking all small cubes that have at least 2 visible faces and then removing only those small cubes.

In second and subsequent steps, the same procedure is applied to what remains of the original large cube after the previous step.

a) Starting with a $10 \times 10 \times 10$ cube, how many small cubes are removed at the first step?
b) A different cube loses 200 small cubes at the first step, what are the dimensions of this cube?
c) Beginning with a $9 \times 9 \times 9$ cube, what is the surface area of the object that remains after the first step?


The Australian Mathematics Competition
The Australian Mathematics Competition (AMC) was introduced in Australia in 1978 as the first Australia-wide mathematics competition for students. Since then it has served almost all Australian secondary schools, providing feedback and enrichment to schools and students. It has become the largest single event on the Australian education calendar, allowing students to attempt the same tasks on the same day in over 40 countries around the globe. By 2014, the AMC has attracted more than 14 million entries.

The AMC is a fun competition with many of the problems set in situations familiar to students and showing the relevance of mathematics in their everyday lives. The problems are also designed to stimulate discussion and can be used by teachers and students as springboards for investigation.

2014 Australian Mathematics Competition
56 students from MFHS took part in the 37th AMC on Thursday 7 August 2014.

Congratulations to the following students:
Year 12 Jeffrey Luo (Prudence award and distinction)
Year 12 Hiew Nguyen (Prize)
Year 11 Kenneth Bernard (Distinction)
Year 10 Laura Tien (Distinction)

This year, the Australian Mathematics Competition will be on Thursday 30 July 2015.

We hope to see more of our talented students participating in this competition. You can find more information on the competition on www.amt.edu.au.
World of Maths
World of Maths is a unique travelling Mathematics show that provides opportunities for students to engage in fun, challenging and hands on problem solving. Our most recent group that was involved in this activity was Year 8. The students completed 17 large displays and hands on work stations, applying mathematical techniques and knowledge to solve the connected questions and problems. All questions are mapped to the new syllabus material and emphasise the importance of developing students working mathematically capacity. It was great to see students engage in a broad range of activities and work collaboratively on achieving common goals.

Poetry Club
Poetry Club have been meeting every Monday lunch in F6. We’ve enjoyed reading poetry from a range of poets and on a range of themes. We have decided that we are now ready to dabble in the writing of poetry and have begun our experimentation with language through the composition of a group poem. Our group wrote the following poem after discussing abstract nouns, adjectives, smiles and metaphors. We were thrilled to read this poem out at the Semester Awards Ceremony and we hoped that you enjoyed our group effort.

Hate
by Poetry Club

Hate is a sneaky black crow
That sweeps down and eats a farmer’s crop.

It is deceptive like a white swan,
Angelic like an angel, but flawed.

Hate if fire, it is the blistering sun
It feels like a tsunami thrashing and crashing against the rocks.

Hate casts a spell like an evil witch
And it is calm like a snow queen, patiently waiting for her revenge.

Love is as warm as cocoa in winter,
But as cold as ice during hard times.

Love is a gold pot at the end of the rainbow
That brings us all together.

Love is a tree with many leaves
That can be dulled by shattering gusts of wind.

Love is being cradled in your mother’s arms,
As she softly hums gentle lullabies.

Love is rough like your father’s hands
That work day and night to feed you.

Without hate there is no love
A hug, a kiss is all I need.


Miss Rhiannon Hall
# Customer Support Network Information Sessions 2015

<table>
<thead>
<tr>
<th>DATE</th>
<th>SESSION</th>
<th>TIME</th>
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<tr>
<td>JUNE 2015</td>
<td>Tuesday, May 19th</td>
<td>10am</td>
<td>Communication and Behaviour Workshop</td>
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<td>Tuesday, May 26th</td>
<td>10am</td>
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<td>9am</td>
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<td>JUNE 2016</td>
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<td>JULY 2015</td>
<td>Tuesday, July 14th</td>
<td>9am</td>
<td>Communication and Behaviour Workshop</td>
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**ABOUT THE SESSIONS**

Light refreshments are available at all the sessions.

**NDB - GETTING READY FOR PLANNING WORKSHOP**

The getting ready for planning workshop will be a NDB-paned workshop.

**COMMUNICATION AND BEHAVIOUR SESSIONS**

Each session will be designed to meet the needs of the participants and will cover:

- **Communication and Behaviour Workshop**
- **NDB Planning Workshop**
- **CAREER PLANNING SESSION**

**CONFIRMING YOUR ATTENDANCE**

To secure your spot at any of our sessions, please make sure you have attended the 3-day NDB-Planning Workshop. To confirm your attendance, please contact the NDB-Planning Team at 1300 372 172.