Mareeba State High School along with the Beacon Foundation runs a career program for our Year 10 students. The program highlights to the students the need to start thinking about what they will do when they leave school and what they can be doing now to start the ball rolling. They have already had talks about Agribusiness and the career paths available in the agricultural sector and soon have the opportunity to participate in an industry tour day visiting some of the local businesses.

Eight of our Year 10 students put their hand up to become our Beacon Student Ambassadors for 2012, they are: Oliver Cottenill, Sonya Coyle, Monique Ebner, Kiama La Rosa, Mark Little, Ashleigh Palmer, Tara Sharpe and Maxene Thorne. Their roles are numerous: they will represent their year level at community events, they will pass on information to the other Year 10s about upcoming events and encourage them to participate and they will help to organise some of the events that will be held later in the year.

Our first event of the year was the 2012 Beacon Breakfast where representatives from the business community were invited to a breakfast to learn first-hand about the Beacon program. Our Ambassadors excelled at their first event greeting the guests and making them feel comfortable, some of them also had the opportunity to test out their public speaking skills.

We are always seeking help from the local business community, so if you are able to assist us please give us a call at the school. Some ways you may be able to help are: sponsorship of an event, guest speaking to our students, allowing students to visit your workplace, taking a student for work experience, being part of our Speed Careering event (sort of like speed dating) or bringing your work vehicle to the school for our Work Ute Muster. We would love to have your input.

Kim McClelland and Denise Lambert Year 10/Beacon Co-ordinators

Mulungu Aboriginal Corporation Medical Centre hosted an event this week at Arnold Park celebration ‘National Close the Gap Day’. This event is committed to closing the gap on current issues that face our indigenous community, focusing on health, education, employment and housing. Indigenous School leaders Kayla Walker, Brayden Grogan and Jordon Grogan-Howlett, and School Captains Jamey-Ray Musmarra and Clint Posselt represented Mareeba State High School along with Deputy Principal Mr Paul Charles and Community Education Counsellor Ms Elma Lingard. Our students spoke about the various leadership and career opportunities being available to our indigenous students and how this school is closing the gap for our under privileged indigenous students. Pictured here, Kayla, Brayden, Jordon, Jamey-Ray and Clint with Patsy Walker Program Co-ordinator and Mareeba State School leader Levi Lilly.
Welcome to the last newsletter of first term. Students should have completed their assessment and teachers are compiling the mid-semester report. The reports will be posted home shortly after the break along with a booking form for parent-teacher interviews which will be held on Thursday 26 April. I hope that all parents can make the time to attend with their child.

This newsletter, I wanted to focus on connectedness between our young people, the school and home. When students enjoy transparent, honest and caring relationships with their parents, friends and teachers, they feel positive about their lives, are happy in themselves and as a consequence learn better and enjoy their schooling far more. Also, having trusting, clear and open communication lines between their parents and teachers provides a fertile environment in which students can thrive and strive.

We all need feedback on how we are travelling to make necessary adjustments in our lives and our students are no different. To build students’ self-awareness and ownership of their attitudes and behaviours, they need regular developmental, non-judgemental feedback, even though they will probably disagree.

The adolescent brain is a turbulent place, with the good decision making monitor, the pre-frontal cortex, not completely wired up. As such, while they can create emotions like adults, they don’t yet have the capabilities to consistently control them. This often leads to any advice or feedback to be seen by them as criticism and put downs.

Building relationships is a two-way street, which is sometimes quite a challenge with many teenagers preferring a one way street; my way or the highway. To encourage them to think beyond “me, myself and I”, a beneficial exercise is to get them to do a self-analysis of their emotional intelligence. There is an easy one in the school diary on p28. In completing this they will have to reflect on their input into relationships with others.

Our focus should be on encouraging or young adults to strive for personal bests in all their pursuits including health, friendships, leisure, hobbies, sport and their learning. When parents and teachers put an extra emphasis on school, the turbulence of their brain kicks in and defiance and/or indifference arise. When a team approach is fostered both at school and in the home, students tend to see parents’ and teachers’ advice more as positives to adopt rather than something to rebel against.

Lastly, I hope that all families have a safe and happy break and look forward to seeing our young people relaxed and recharged to take up the challenges of school in second term.

Warm regards to all families,

Jo Soothill

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**Visiting Architect**

On Thursday March 15th Mareeba State High School was lucky enough to be visited by Ron Bannah from the Master Builders Association and Yuri Dillon who is the owner and operator of Liquid Blu, an architectural firm based in Brisbane. Liquid Blu develops projects across a wide range of market segments including Private Residential, Multi Residential and Mixed Use Development, Commercial, Retail, Hospitality, Health and Sport and Recreation projects. Yuri’s visit to Mareeba was organised by the Business Liaisons Association and sponsored by the Master Builders Association. While here, he was kind enough to give us feedback on our graphics program and was happy to meet our year ten, eleven and twelve graphics students. The students were keen to learn about the profession and his experiences since graduating with honours in 2001. His advice on the year twelves house designs was very insightful and as a result I think that we may now have a few budding architects coming up through the ranks.

Mr Keff Johnson Teacher (INTAD Co-ordinator)

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**Sailing Success**

The Mareeba High Sailing Team won ALL of their races at the regatta on Sunday. Team members who participated are Sonya Coyle, Shakayla Longbottom and Sam Harris.

Ms Jenna Coyle Senior Teacher

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**P&C Working Bee**

On Sunday 18th March the Mareeba State High School P & C Association held a Working Bee at the school. Gardens were mulched, hedges trimmed, orange safety lines painted and litter removed. Thank you to the following people who volunteered 3 hours of their time on Sunday morning. Craig Bachelor (P&C President), Angelina Pulverenti, Sophia Dickinson, Logan Foxwell, Kayla Feltrin, Ruby Yu, Duncan Ratcliff, David Sexton, Patricia Sexton, Kevin Carter, Aldis Carter, Charles Crago, Len Gear (Groundsman), Teena Seidenkranz (Deputy Principal). Debbie Heathfield (Tuckshop Convenor) provided drinks and snacks for the volunteers.
Do you have a disability or injury and are looking for work?
Ostara Australia are holding an information session for students and parents to discuss employment options and support for students and to look at the possible establishment of a social enterprise employing jobseekers with disabilities on the Tablelands.

The session will be held on the Thursday 12th April, at the Ostara office, 119 Byrnes St, Mareeba from 2.00pm onwards. Students are welcome to pop in after school. Afternoon Tea will be provided.

Any enquiries please call Joanne on 40375100.

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School Band Performs
The Cystic Fibrosis Pasta Night will be held at the Mareeba International Club, April 27th.

Our Mareeba State High School band will be performing at this local fundraising event. All are welcome to come along and enjoy a great evening out.

Ms Kristy Braes Instrumental Music

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P & C Reminders
General Meeting – 17th April 5.30pm

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NUMERACY: It’s for Everyone
Have a go at these interesting questions from a previous Year 9 NAPLAN Test

1. A ramp makes an angle of 35° with the ground.

   What is the value of a?
   a. 45  b. 55  c. 65  d. 75

2. Which pair of solid objects cannot be joined together to make a cube?

3. Here is the seating plan for part of an aeroplane. Rob is sitting in window seat number 2A.

   Peta wants to sit in a window seat as close as possible to the front of the plane. Which empty seat should Peta choose?
   a. 1C  b. 2E  c. 3F  d. 4A

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Year 8 IMMUNISATION PROGRAM

<table>
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<tr>
<th>Year</th>
<th>Vaccine</th>
<th>Date</th>
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</thead>
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<tr>
<td>8</td>
<td>HPV (2)girls</td>
<td>30/04/2012</td>
</tr>
<tr>
<td>8</td>
<td>VZV(chickenpox)</td>
<td>30/04/2012</td>
</tr>
<tr>
<td>8</td>
<td>10dta (Boostrix)</td>
<td>30/04/2012</td>
</tr>
<tr>
<td>8</td>
<td>Hepatitis B</td>
<td>15/10/2012</td>
</tr>
<tr>
<td>8</td>
<td>HPV(girls)3</td>
<td>15/10/2012</td>
</tr>
</tbody>
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Year 8 DENTAL SERVICE
Recently dental service forms were sent home with students so that they can receive a free dental check. The dental van is currently at the primary school and will only be here in Mareeba for a short time. If you would like a dental check for your child, please completed the form and return it to school as soon as possible.
Words with multiple meanings – many words have a different meaning when they are used in a numerical context.

- mon(o)- and uni-meaning one or single
- bi- meaning 2
- tri- meaning 3
- quad-, quart- and tetra-meaning 4
- pent(a)- meaning 5
- hexa-, hex- meaning 6
- sept- meaning 7
- oct- meaning 8
- dec(a)- and deci-meaning 10
- cent- or centi-meaning hundred or hundredth
- mega- and micro-meaning million or millionth
- circum- meaning around
- de- meaning taking something away or the opposite
- poly-meaning many

Different words same meaning - sometimes there are several words that mean the same thing in mathematics

- subtraction/minus/take-away/difference
- chance/probability
- average/mean

- monolith, monorail, monologue, monologue, unit, uniform, unification, unicorn, unique
- binary, bisexual, biennial, biannual, bilateral, bilingual, bicycle
- triangle, triad, trillion, tripod, triplets, tricycle, tricolour, triple
- quadrilateral, quarter, quadrant, quartet, quadrangle, quadruplets, quadrangle, intradiephon
- pentagon, pentad, pentagram, pentathlon
- hexagon, hexagonal, sextant, sextet, sexuplet
- septenary, septet, septimal
- octagon, octopus, octane, octopod
- decadence, decadagon, decimetre, declivity
- centimetre, centigrade, century, mid-century, percentage, per cent, centenary, cen
- millimetre, milligram, millilitre
- circumference, circumnavigate, circumscribe
- increase, deduce, descend, decline
- polygon, polyhedron, polynomial, polygonal, polynomial

Dense phrases - students have to be able to decipher these phrases in order to make sense of a question.

- possible outcomes, exactly halfway, per person, best estimate, regular
- hexagon, percentage decrease, square based pyramid, positive whole numbers, stem and leaf plot, standard
- six sided die, product of prime factors, right angle isoceles triangle, four consecutive whole numbers, three quarter turn clockwise.

Mathematical symbols – students need to know the meaning of many symbols.

- cm², km/100 km
- 0.1°C, $, <, >, √10
- ≥

You can help by involving your child in real-life problems that rely on mathematical skills. For example:

- going grocery shopping and deciding which potatoes are cheapest – the loose ones for $3.95/kg or a 3kg bag for $10.
- planning the best route to take on a holiday – do you drive to Longreach via Rockhampton or Charters Towers? How many kilometres will you travel, how long will it take, how much will it cost in fuel, how economical is your car (km/L or L/100km).
- imagine you won Lotto (one million dollars) and you decided to split it amongst the family with each adult getting twice as much as each child. How much would you each get?

Below are some helpful clues to help your child to better understand the language which they come across every day at school.

### Language in Mathematics: How you can help your child!

“Language is the medium through which students learn mathematics”

In Mathematics, students learn the skills that they will need in every aspect of their adult life. In every other subject that a student studies at high school, they learn about numeracy – that is, applying the skills they have learnt in Mathematics to real situations and real problems about real things.

### Important Notice

Education Queensland in conjunction with Mareeba State High School has a grounds policy: “No one shall access the school grounds out of school hours without the written permission of the Principal”, and secondly the school is part of the School Watch Program which aims to reduce crime directed against schools and to foster a greater degree of community involvement in school security. We ask our local school community that if you see or hear suspicious behaviour, report the incident immediately to 131788 or if life threatening phone 000. The Queensland Police will take appropriate Prosecution action in charging persons found unlawfully on school grounds. Please assist the school in safeguarding against vandalism, theft and arson these school holidays.