IMPORTANT INFORMATION NIGHTS  
TERM 3

♦ 6 August  - Year 10 into 11 Subject Selection Parent Information Night at 7.00pm in the Performing Arts Centre  
♦ 7 August - Year 8 into 9 Subject Selection Parent Information Night at 7.00pm in the Performing Arts Centre  
♦ 3 September - Year 7 into 8 Information Night at 7.00pm in the Performing Arts Centre

PARENTS AND CITIZENS’ ASSOCIATION

The Parents and Citizens’ Association meetings are held on the second Tuesday of every month commencing at 7.00pm in the school Library. Meetings for 2013 are:  
Tuesday 13th August  
Tuesday 10th September  
Tuesday 8th October  
Tuesday 12th November

ATTENTION YEAR 10 STUDENTS AND PARENTS

Work Experience for Year 10 students is available from Monday 16th September to Friday 20th September. Work Experience Job Selection Forms can be collected from the Vet Office. Students are encouraged to seek their own placements where ever possible. Requests to arrange a placement must be received by the Vet Office before 4th September 2013. Any questions students should see Ms Jane in the VET OFFICE. Parents can call Ms Jane on 47738137.

QUEENSLANDERS

Regan Grieve, Michael Barclay, Nathan Lafferty, Marshall Hudson

During State of Origin week Kirwan High were proud to congratulate its young men who have been selected to represent Queensland in Rugby League this year.

Michael Barclay and Regan Grieve were selected at the State Championships held in Kingaroy last weekend. They both travelled to Cairns in July to represent our state against the best in the country.

Marshall Hudson was selected to play in the Under 15 Queensland Schoolboy team that played in Canberra in June.

Nathan Lafferty played in the Under 16 Queensland team who played a curtain raiser at the first State of Origin.

Executive Principal John Livingston said the success of these boys was a tribute to their talent and commitment as well as a testament to the quality of their coaches and Kirwan High’s Rugby League Excellence Program.
AUSTRALIAN MATHEMATICS COMPETITION

Kirwan State High School has entered over 300 students in the “2013 Australian Mathematics Competition” to be held on Thursday 1st August. All top Scholar students will be participating as well as many other talented mathematics students.

Sponsored by the Commonwealth Bank, the Australian Mathematics Competition has been run every year since 1978. The competition consists of 25 multiple choice questions and 5 problems requiring a number answer. Students will have 75 minutes to work out their solutions. The questions are very easy at the start but become progressively more difficult until the end when they are challenging to the most gifted student. Students are only assessed against other students in the same school year and state.

All students who participate will receive a certificate and a detailed report showing how they performed on each question with comparative statistics. The top performing students receive a cash prize and Kirwan State High School students have achieved this in past years as well as a number of High Distinction and Distinction awards. We hope that once again there may be Kirwan students amongst these high performing students in 2013.

Individual classes are practising for this competition by going over questions from previous years. A few problems from last year’s competition are included to give you an idea of the type of questions that students will experience in this competition.

All students in Top Scholar classes are participating in the Australian Mathematics Competition and all students who received an A in Mathematics on their Semester 1 report should also be preparing to tackle these questions. Interested students from any class need to let their mathematics teacher know that they wish to participate in this competition.

If you have any questions, please contact Mr Nigel Martin – Head of Department—Mathematics. (nmart40@eq.edu.au)

Sample Questions from the 2012 competition (no calculators are allowed in this competition)

Q1. The change you should receive from a $20 note after paying a bill of $9.45 is
   (A) $10.55 (B) $10.45 (C) $11.55 (D) $9.55 (E) $10.65

Q2. Yesterday it rained continuously from 9:45 am until 3:10pm. For how long did it rain?
   (A) 3 hours 25 minutes (B) 3 hours 35 minutes (C) 5 hours 25 minutes
   (D) 6 hours 25 minutes (E) 6 hours 35 minutes

Q3. Five positive integers have a mean of 10, a median of 10 and only one mode, which is 12. What is the difference between the largest and smallest of these numbers?
   (A) 3 (B) 5 (C) 6 (D) 7 (E) 8

Q4. Slim took a long road trip across Australia over a number of days (more than 1). When he arrived at his destination, he noted that he had travelled exactly 2012km. On the first day he travelled a whole number of kilometres and each subsequent day he travelled one more kilometre more than the day before. What is the largest distance, in kilometres, that he could have travelled on the first day?

Answers to these five questions can be found on the back page of this newsletter.

Year 12 QTAC Information
QTAC opens 1st August and closes 27th September. Cost is $34. Students need to complete applications online at www.qtac.edu.au.
All Year 12 students (wanting to go to tertiary) have received a QTAC book and will be interviewed by a Guidance Officer in Week 4.
Students have also had the opportunity to visit James Cook University.

Year 10 Career Day and Parent Evening
All Year 10 students will participate in Career Day on Tuesday 6th August at school. They will learn about pathways and subjects for Senior Phase of Learning (Years 11 and 12).
All Year 10 parents should attend the Parent Evening on Tuesday 6 August, 7.00pm in the Performing Arts. Parents will learn about Senior Pathways, QCE, OP, VET and have the opportunity to talk to teachers about their student’s subject selections.

SET Plan Interviews
On Monday 26th and Tuesday 27th August, all Year 10 students will have a SET Plan interview with a person from Administration. This is an important interview where parents are invited to attend. Students select their subjects for Years 11 and 12. All interviews will be conducted in the Library.
**WEP SCHOLARSHIPS**

This is a wonderful opportunity for current Year 9 students, motivated to complement their Year 10 studies with a semester or year-long student exchange experience. WEP is awarding two $3000 scholarships towards semester and year-long student exchange programs to Argentina and China commencing in 2014 (February or July/August departure).

There is no language pre-requisite for Argentina. The top 10 short-listed applicants for each scholarship will also receive a $500 discount (for China) or $750 discount (for Argentina) towards a semester or year program commencing in 2014.

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**READERS’ CUP**

Skye Dodds, Jade White, Rachel Humphreys, Teneal Weir

On the 13th June four Kirwan High students Teneal Weir, Skye Dodds, Rachel Humphreys and Jade White competed against eight other high schools in the regional finals of Readers’ Cup 2013.

As a team the girls organised themselves to read six books over the term so they were able to answer some tricky questions about them; in a similar fashion to a trivia night. The rules state that they cannot be coached and so the girls won from their own effort and discipline.

After the forty-eight questions Kirwan was tied up with the Grammar School team and in a tricky tie breaker question they came away as the 2013 champions! This now means that they have another five books to read before the State Final in Brisbane to take place during The Brisbane Writers Festival on the 3rd or 5th September.

The Kirwan library supports the Readers Cup competition because we like to encourage students to read widely, work collaboratively in a team and continue developing a love of reading.

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**SPARK ENGINEERING CAMP**

During the June holidays three Kirwan High students received the opportunity to attend the Youth Without Borders initiative, Spark Engineering Camp which was open to students from Years 10-12. Spark is a camp that has been around for three years which is run by several of the University of Queensland’s students and is entirely funded by sponsorship from companies across the nation. Yassmin Ay the founder of Youth Without Borders founded the camp to provide a university experience to students that may not believe they have the opportunity to pursue higher education.

Jackson Arthy (Year 10), Novenka Nawara (Year 11) and Sophie Marmara (Year 12) each attended the camp at Brisbane’s University of Queensland, all expenses paid. The week long camp allowed the students to explore the diverse career path of engineering through a variety of interactive, hands on activities. They attended lectures at the CSIRO, AIBM and DSM facilities to gain an understanding of engineering in the real world. Many renowned engineers from different pathways came and talked to the students; providing their knowledge and experiences as a successful engineer. The CEO of the Endeavour Foundation, David Barbagello attended the Keynote Address which uncovered the exciting and eventful life of an engineer.

As well as the informative lectures, the students were given the opportunity to climb the Story Bridge – an amazing engineering feat, as well as many other activities that allowed the students to demonstrate their individual desires in the engineering field. The camp provided a university opportunity to gain an insight into where their life will lead should they be ‘sparked’ towards pursuing tertiary education – even if engineering is not a first career path. All of the students involved in the camp were exposed to various team-building exercises that allowed them to make friends with like-minded students from all over Australia.

Through all the amazing and abundant food, games, chants and people the attendees had such an amazing time and encourage all other students to attend in future years.

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**RSL YOUTH DEVELOPMENT PROGRAM**

Are you a Year 10 or 11 student with a passion for academics, sports or the community? Then the Returned Services League (RSL) of Australia and Bond University want to hear from you! Students will be given the opportunity to share in over $500,000 worth of grants.

Apply now for your opportunity to benefit from this program. Applications close November 11, 2013. For more information or to apply visit: [www.RSL.youth.com.au](http://www.RSL.youth.com.au)
THE CHALLENGE GAMES
On Wednesday 24th and Thursday 25th July a group of Kirwan High students with disabilities attended the annual Challenge Games at the Townsville Sports Reserve. It was a fantastic couple of days for the students who enthusiastically participated in the range of sport and fun activities on offer including running, jumping, throwing and team events plus many other novelty activities.

We also had two Kirwan High students participating in invitational events, competing in Track and Field events to secure a chance to represent at Regional competitions. Congratulations go to Mitchell Vaughan (Year 9) for qualifying in 100m, 200m, and Long Jump, and to Connor Brunner (Year 10) for qualifying in 100m, 200m, Shot Put, Long Jump, and Discuss.

We had some great feedback from other schools and event organisers that Kirwan High students were well behaved, courteous, helpful, and highly involved throughout the event. It was great to see a number of parents attending also to help out and cheer the students on. Congratulations to all of the students who attended and thank-you to all who were involved in the lead up and on the day to make Challenge Games such a success. We look forward to doing it again next year.
JAMES COOK UNIVERSITY OPEN DAY
James Cook University's Open Day dates have been confirmed and are a fantastic opportunity for students and their families to visit the campus, tour the facilities and speak with experts. Sign up to the general mailing list to make sure you receive program details as they are released. The Open Day will be on Saturday 31st August 10.00am -2.00pm.

MUSICAL FEEDBACK

My husband & I took our 2 grandkids (6 years and 8 years) to see the Friday performance of Disco Inferno. Wow.....you must be so proud of the kids. We would like to compliment your staff & students on an absolutely top notch night of entertainment. I found it a challenge to sit still (jigging around in my seat, to some very familiar tracks.....Ha!!), but enjoyed clapping along to some of the music. The choreography was of a very high standard, and the singing was also very good, but it was the enthusiasm on stage from ALL students that I enjoyed the most. I am sure our email won't be the only one you will receive. Well done to all involved.

Best regards
Chriss McKenzie
**IMPORTANT DATES**

**Term 3**
- 31/07/13: ICAS English competition
- 01/08/13: Australian Mathematics Competition
- 06/08/13: Year 10 into 11 Subject Selection Parent Information Night—7pm-Performing Arts Centre
- 07/08/13: Year 8 into 9 Subject Selection Parent Information Night—7pm-Performing Arts Centre
- 09/08/13: Secondary Japanese Speech Competition
- 12/08/13: Townsville Career Expo—RSL Stadium—10.00am to 1.30pm and 4.00pm to 7.00pm
- 13/08/13: ICAS Competition—Mathematics Interschool Athletics—Gold
- 14/08/13: Interschool Athletics—Blue
- 15/08/13: Interschool Athletics—Both
- 16/08/13: National Schoolboy Rugby League Cup Queensland Final
- 17/08/13: Arts Department Cabaret
- 23/08/13: Daffodil Day
- 23-24/08/13: North Queensland All Schools Touch Football
- 03/09/13: Year 7 into 8 Parent Information Night
- 03-04/09/13: QCS test
- 06/09/13: North Queensland Athletics Carnival
- 11-29/09/13: Townsville Eisteddfod
- 16-20/09/13: Industry Placement Year 11 and 12 Childcare
- 16-20/09/13: Year 10, 11 and 12 Work Experience
- 18-20/09/13: Year 11 Girls/Boys Camps
- 18-21/09/13: National Youth Championships Touch Football (Boys and Girls) Sunshine Coast

**NEXT WHITE CARD (WORKING IN CONSTRUCTION INDUSTRY) COURSE**
- Venue: Kirwan State High School
- Date: 13th August 2013
- Cost: $70.00
- Room: MA08

**GAP MEDICS WORK EXPERIENCE PLACEMENT**
Aspiring medics between the ages of 16 -25 can join us this summer on our Australian Summer Special in Thailand or Tanzania from 5th January 2014! Here they will shadow healthcare professionals in a variety of departments, getting a real-life insight into the work of medical professionals in a new and exciting country. No amount of work experience available back home in Australia will measure up!

Alongside gaining beneficial work experience, students will be able to get together with fellow Australians and experience everything the amazing destination has to offer. From days spent running around the busy hospital wards, to evenings watching wildlife down by the waterhole or cooking over an open fire with all of the fellow housemates. There are even wildlife safaris and hill-tribe treks to uncover at the weekends for those who are looking for a bit more exploration!

Places are limited and are likely to fill up quickly, so students should book early to avoid missing out on this once in a lifetime experience! The cost of a one-week placement is $1,990 (USD), but students can opt to join us for longer if they wish.

Please visit [www.gapmedics.com.au](http://www.gapmedics.com.au) for more information, or you can call our friendly Head Office team for a chat on +44(0)191 230 8080.

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**BECOME A WEP EXCHANGE STUDENT**
It's an adventure!
Imagine swapping that boring old muesli bar for a croissant, and your stuffy school bus for a bike ride through the French countryside! As a WEP exchange student you can choose from over 20 countries to live and study for a summer, semester or even a year!

"The best decision I ever made. I had the most incredible time in the US. I made so many amazing friends that I will never forget. I matured more as a person and an individual and feel more prepared for the 'adult world'. I’d recommend this to anyone who has ever wanted to do an exchange. I had the best time of my life." (Zoe—speaking about her semester long WEP exchange program to the USA.)

Get started today to plan the experience of your lifetime! Request an information pack, including WEP’s FREE application form.

Visit: [www.wep.org.au](http://www.wep.org.au)
Call: 1300 884 733 (for the cost of a local call)
Email: info@wep.org.au

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**Australian Mathematics Competition Sample Question Answers**
- Q1.A
- Q2.C
- Q3.B
- Q4. 248km

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**We welcome your enquiry.**

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