60 Students in ‘60 Minutes for MS’

On Friday 23 August many students volunteered to do ‘60 Minutes for MS’, where we donated $5 to read for 60 minutes. The money raised will be donated for research into Multiple Sclerosis. Everyone had fun doing it. Before the reading began, students who participated were offered a delicious morning tea made by fellow students and teachers. Then everyone settled down for an hour, reading our books. It was great fun and we raised a lot of money for a good cause.

Sharanya Pradeep (Year 8)

‘60 Minutes for MS’ was fun! Immersing myself into the world of books for 60 minutes was majestic. I’ll definitely do it again next year.

(Year 7 student)

Continued on page 2
PRINCIPAL’S NEWS

Term 3 is always a busy time of the year, especially for Year 12 students as they prepare for their HSC exams. It is also a time when they celebrate the culmination of 13 years of schooling, and we would ask that they “Party Safely” during this time.

Mrs Ronin Mason, who has worked tirelessly running our canteen, has left us to move to the coast. She will be greatly missed by the students and staff not only for the great food she has provided but for the joy she brought to the school. I am very pleased to note that the P&C, staff and students all acknowledge her great contribution to the school.

This term has seen many of our students achieve at high levels in sports, involved in many creative arts events, and represented the school at educational events including the retirement of Mr Phil Jones, Education Director for New England. I am very proud of our students’ achievements and how at every event they attend I receive feedback commenting on their mature behaviour and the credit they give the school.

Year 6 students from our partner schools have been attending taster classes and their parents have attended an information night to prepare for their transition to high school. I believe we will have another year group which will bring credit to our school.

Finally, next week will be a Parent/Teacher night and I would encourage all parents to attend and discuss their child’s progress at school.

Dave Bieler
Relieving Principal

‘60 Minutes for MS’ (Continued from page 1)

It was good, the food was nice. It was good to raise money for MS. It was a wonderful opportunity to spend an hour reading.

(Year 7 student)

The ‘60 Minutes for MS’ was a huge success. We had 60 students who participated in it. There were some Year 12 students who made some lamingtons and cakes. There were also some teachers who made some food. There were more students who participated this year than last year. We raised $350. There were some donations made by teachers. Many students and teachers enjoyed the party.

Yoganesh Manoharan (Year 8)

We raised $350. Special thanks to all staff who cooked (Mr Craven’s cranberry and chocolate biscuits and Ms Morey’s brownies were AMAZING! And every one of Mrs Stroud’s and her mother’s pikelets was eaten with relish:) Thanks also to Year 12 Hospitality for their eight trays of ‘chocolatey things’ and to Mitchell Green and Yoganesh Manoharan who helped to get the morning tea set up.

BANNED BOOKS WEEK
26-30 AUGUST

Did you work out what the books in the last newsletter had in common? They have all been BANNED OR CHALLENGED.

This week we have been celebrating the Freedom to Read. The library has had a display of banned or challenged books. Students have had the opportunity to participate in a variety of related activities.

9X and 10X English participated in Readers’ Theatre (The Lorax and The Hunger Games).

9X and 10X English debated each other: School reading materials should be approved by parents and the community. Year 10 won.

Green Eggs and Ham by Dr Seuss and Where the Wild Things Are by Maurice Sendak are the books students asked about the most. Do you know why they are on the list?
A VERY, VERY SHORT STORY
WRITING COMPETITION based on the picture book *The Mysteries of Harris Burdick* by Chris Van Allsburg

Stories had to be 50 words only. Published in this issue are the Winners' and Runners-Up's stories for Year 7 and 8. Year 9 and 10 stories will be published in the next issue of 'Top of the Hill.'

**Year 7**

**Best Story:** Amelia Rowe-Dawson (image - The Third-Floor Bedroom)

The Bird Wallpaper

The sun shone over the mountains and touched the wallpaper. Suddenly, a bird peeled away, slowly becoming real. The bird lit upon the sill, trilled its call and flitted away.

The girl in the bed awoke and sat up. She glanced down and gasped; there lay a paper feather.

**Runner-Up:** Genevieve Dunn (image - The House on Maple Street)

A World of Wonders

Bonnie rolled helplessly to the ground. It shook! Tears formed in her worried eyes.

"I didn't mean to make him angry," she cried, grasping at anything.

Grunting, the tree threw the house into the foggy air.

"I'm so sorry! I didn't mean to hurt you! I only wanted one leaf!"

**Runner-Up:** Isabelle Winter (image - A Strange Day in July)

Skimming

The water in the lake glittered from the sun's gleaming rays. The boy and girl stood ready for adventure. Once the flick of the boy's wrist threw the flat rock, the rock glided across the water in what seemed like slow-motion. It was so slow that the pages drew together.

**Year 8**

**Best Story:** Matt Targett (image - Missing in Venice)

The Arrival

The arrival of the ship was like a ghost, gliding out of the fog without a sound. The ship was dark; even the streetlights weren't able to penetrate the darkness.

Then from the belly of the ship arose a shadow of a man holding a body.

He was a fisherman.
Runner-Up: Rebecca Robinson (image - A strange Day in July)

My body tensed as the edge of the ice-cold ocean washed over my little toes. I stared out into the distance of the water, small tears slowly running down my cheeks. I could feel in my heart she was near, but it hurt me that she wasn’t to be seen.

Runner-Up: Callum Evans (image - Mr. Linden’s Library)

Many times Erin had read this book; she had fallen asleep doing so. It sprouted creepers that shot through the dark towards the light.

They were looking for water. Erin’s water glass, the source.

The tooth inside didn’t slow them. We’d better hope the tooth fairy has a green thumb.

One of the two stories that made the judge laugh (the other one will appear in the next issue of TOH)

Max Westhorpe - Yr 7 (image - The Third-Floor Bedroom)

Wall birds

Old man Franklin ironed the 53rd bird to his wall. Being poor, he decorated his walls himself and catching birds is what Franklin was best at.

One night, a dove peeled off the wall. With an iron under one wing, the dove came towards the sleeping Franklin…….

Franklin became a decoration.

ENVIRO WEEK

The week of the 26-30 August was dedicated to helping the environment at Duval and hopefully showing students how easy it is to care for their environment at school or home. Students were given daily challenges to complete, such as putting their rubbish in the bin, recycling their paper in the classrooms, bringing a waste free lunch to school, and turning off lights and fans when leaving classrooms. In addition to this there was a mufti day on the Thursday with the theme ‘Bad taste day’. The idea being that rubbish leaves a bad taste in the environment. This mufti was well supported by the students as shown in the picture below.

Science teacher Ross Clay used this week to stabilise and plant an eroded slope at the back of the school, and Jenine Russoniello and Lynette Rajaratnam worked with students to plant and weed existing gardens.

THE MATHEMATICS COLUMN

Here are suggested solutions to the Australian Mathematics Competition questions we printed in the last edition of Top of the Hill (No. 12, dated 21 August 2013). Feel free to send me an email via: <jamie.suddaby@det.nsw.edu.au> if:

(A) You would like more mathematical puzzles in future editions of TOH.
(B) Any of my solutions are wrong!
(C) You have alternative (neater?) solutions to
any of the questions.
(D) You have any other comment.
(E) All of the above.

Senior Qn 4
The cube root of 201 320 132 013 is closest to
(A) 600 (B) 5000 (C) 6000 (D) 50 000
(E) 60 000

5000³ = 125 000 000 000 and 6000³ = 216 000 000 000 so we can be fairly confident that 6000 is the closest option for the cube root. Strictly, we should check 5500³ to be sure that the actual cube root lies above this half-way value. However, rather than a long-ish multiplication (obtaining 166 375 000 000), a quick observation will suffice: that a cubic graph is a rising curve here, so 5500³ must be closer to 125 billion than 216 billion. Thus (C)

Junior Qn 17 (also Senior Qn 10)
Starting with the number 0 on my calculator, I do a calculation in five steps. At each step, I either add 1 or multiply by 2. What is the smallest number that cannot be the final result?
(A) 11 (B) 10 (C) 9 (D) 8 (E) 7
We can get 7 in five steps using 0+1 = 1, 1+1 = 2, 2+1 = 3, 3×2 = 6, 6+1 = 7. In shorthand we could write this as 1 2 3 6 7. In the same way we can get 8, 9 and 10 using 0 1 2 4 8, 1 2 4 8 9 and 1 2 4 5 10 respectively.

Hence the smallest number that can’t be reached is 11. Thus (A)

Junior Qn 25
A number is formed by writing the numbers 1 to 30 in order as shown:
123456789101112131415161718192021222324252627282930
Simeon removed 45 of these 51 digits leaving 6 in their original order to make the largest 6-digit number possible. What is the sum of the digits of this number?
(A) 33 (B) 38 (C) 41 (D) 43 (E) 51
All we need here is the logic of how we get the largest possible 6-digit number: there aren’t enough ‘9’s in the list to get 999 999, but we can use the three ‘9’s to best effect in:
1234567891011121314151617181920............272829
930 giving 998 930. The sum of these six digits is 9+9+8+9+3+0 = 38. Thus (B)

Intermediate Qn 21
In how many ways can the numbers 1, 2, 3, 4, 5, 6 be arranged in a row so that the product of any two adjacent numbers is even?

(A) 64 (B) 72 (C) 120 (D) 144 (E) 720
The key here is to realise that for any even (E) or odd (O) numbers, E×E=E, E×O=O, O×E=E so the only way to get ‘odd’ is O×O=O. Hence we can count all the arrangements that don’t have any two adjacent odd numbers. In shorthand, we can have any arrangements OEOEOE (3×3×2×2 arrangements), any OEOEOEO (3×3×2×2), any OEOEOEO (3×3×2×2) and any OEOEOEO (3×3×2×2). Counting these gives 4 × 3×3×2×2 = 144. Thus (D)
CREATIVE AND PERFORMING ARTS NEWS

Congratulations to the HSC Drama students who have again produced outstanding performances in both the Group and Individual projects this year. Parents and friends were treated to a great array of talent, with Rheyanon Shields performing 'Boot', a heart-wrenching account of a teenage girl reliving the horrors of a car crash. Marni Walsh took the stage looking like a 1930's New York socialite, who falls in and out of favour with her 'divine numbers' and social set in 'Diary of a New York Lady'. Katherine Green's delightful 'My Name is Rachel Corrie' saw her sweep around the stage creating an imaginary world where hope and value for human life triumphs; and finally Brogan Ker-David gave a most touching account of a mother who has lost her children in a fire.

The Group pieces were hilarious and energy charged, offering superb characterisations and tightly crafted ensemble work. 'Admit-ance' explores the very funny side of 'Hypochondria', while 'To Be Philosophers' introduces us to the brain's four lobes, (F, T, O and P) as they work to recover the brain functions following injuries sustained by a young girl in a car accident. This year we were thrilled to have Guyra student Rebecca Wolfenden join with us for the Group pieces. Jasmine Bourke and Jessica Handebo showed great artistic and creative flair in their costume designs.

Visual Art students completed their final projects for submission early this week and again have produced some exciting and intriguing works for their HSC. The variety of artistic and creative techniques was wide and exciting from a series of self-portraits (Fiona Brunckhorst), to a short film (Dora El-Sayed) and outstanding photography exhibits by Madeline Post and Brogan Ker-David.

The music students have been busy composing, rehearsing and performing for their final submissions. We are excited to hear their final performances in the next week.

The Year 12 Creative Arts students, along with the Dance students Caitlin Chalmers and Sarah Bruyn, are excited to be able to perform and exhibit their exciting program yet again for a public audience of parents and friends late this term. We plan to showcase all the major projects available and to celebrate the extraordinary talent thriving at Duval. Stay tuned for the date.

SCHOOL VACCINATION UPDATE

In 2012, the Australian Government announced that human papillomavirus (HPV) vaccine would be provided free to male students in high schools from 2013.

From 2013, males in Year 7 in all NSW high schools will be offered HPV vaccine annually.

In addition, males in Year 9 will be offered the vaccine as part of the national ‘catch up’ program in 2013 and 2014.

Males who are 14-15 years of age in 2013 and who are in Year 10 can receive free HPV vaccine from their GP during 2013 only:

It is important when making the GP appointment that the receptionist is informed of the reason for the visit and that sufficient time is allowed for the vaccine to be ordered and delivered to the GP.

HPV vaccination will continue to be offered annually to female students in Year 7 only. The Australian Government has developed information for parents, students and health professionals about HPV vaccination.

PDHPE NEWS

National Shades Day – Melanoma Awareness Campaign

On Friday, 6 September Duval High School is hosting a special assembly. As part of this assembly two very special guests, Olympic Swimmer Stephanie Rice, a Stage 3 Melanoma Survivor and the coordinator of the Shades Ball, Jo Dolan. Students are encouraged to wear their funkiest hats and sunglasses for the day. The aim of the event is to raise awareness about the problems of sunbaking, sun beds and to teach students how to develop life long sun safety habits.

Driver Education Day

On Wednesday, 28 August, 48 Year 11 students attended the Young Drivers Expo in Tamworth. We had the opportunity to learn the about how and why it is important to be safe on the roads and attend a number of workshops. In particular, one of the workshops aimed at raising the awareness about drink driving and the effects it has on your driving skills. We were asked to wear ‘drunk goggles’ and test our reaction times. There was also an emotional presentation and speech by a car accident survivor. This had a huge impact on all students attending and made us realise the importance of being careful on the road. All students came back well informed and equipped with the necessary skills to be safe when behind the wheel. This excursion was very beneficial for everyone.

By Shannon Waters and Dea Trigwell- Lindley

Year 10 PDHPE – Wow What a Performance!!

‘So you think you can dance’ hit the Duval High School gymnasium on the 21 August with Year 10 students participating in the annual Moovin and Groovin assessment task. Teachers and Year 9 students watched on in amazement at the enthusiasm and energy shown by all students. After five weeks of intense choreography and practice the groups went head to head for first, second and third. The results were:

1st G-Ball – Georgia Ball, Emily Winter, Naran Singh, Citi Emojong, Ben Schutte-Malouff and Brock Whittley

2nd Spectrum – Brandy Ritch, Rachel Dawson, Bethany Jedlicka, Aleisha Singleton, Farihah Islam and Jol Choct

3rd Misfits – Holly Newman, Monica Palad, Kathleen Swinton, Indah Dwyer-Westhorpe, George Prokop, Josh Rae, Scott Young, Jake Murphy and Lewis Russoniello.

An excellent effort by all students!

Important Dates for the Diary

4 September - World PE Day
5 September - T20 Australian Cricketer Patrick Cummins Visits
6 September - Melanoma Institute Australia – National Shade Day – Special Assembly with guest Stephanie Rice
16 September – HSC Creative Arts Night (Art, Drama, Dance and Music)

SPORTS NEWS

Futsal Boys Qualify for Nationals!

The Under 16 Boys had a convincing win in their recent “Champion of Champions” competition held at Port Macquarie on 13 August 2013. The boys had to win (or come second) in their first competition leg held at Coffs Harbour earlier this year to qualify for the 13 August “Champion of Champions”.

The competition at Port Macquarie was, as expected, of a higher standard but this did not seem to affect the team. Their first match was a topsy-turvy game where Duval should have won but it ended in a 3-3 draw. From that moment on the boys lead by a team of strong players showed that they were the choice team in the Under 16 Boys comp. Winning every game convincingly they finished their last game at 12.30pm (playing every hour from 9.30am). Their victories over all teams in the U16 comp meant that no team could come higher than Duval in the round robin.

The net result: the Duval U16 boys had won the competition by 12.30pm, although the
competitions round robins were still being played up to 2.30pm! Although the team is strong in all areas, two outstanding players worth noting were Naran Singh and Lewis Russoniello. These players are absolute stars who are worth watching simply for their amazing skills. Kevin Goard was also outstanding in coordinating the defence.

The U16 boys now play in the National Finals at the Gold Coast on 1-3 November. We hope they do well there.

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**Tennis**

Congratulations to Noah L’Hostis (Year 8) on his selection in the North West Secondary tennis team. He will compete at the CHS State Carnival in October.