**Faculty in Focus-MATHEMATICS**

**When am I ever going to use this?**

Variations of this question have echoed through the halls of mathematics classrooms everywhere. Struggling students often become frustrated with complex mathematical problems and quickly give in to the notion that they will never use mathematics in "real life" situations.

While it may be true that some of the more abstract mathematical concepts rarely come into play, the underlying skills developed in high school mathematics classrooms resonate throughout a student’s lifetime and often resurface to help solve various real-world or work-related problems - sometimes years down the line.

During the recent school holidays, twenty-three students from Canowindra High School were presented with the opportunity to apply the knowledge and skills learnt in the classroom to competitive hot air ballooning.

The students who are involved in the Duke of Edinburgh Award at Canowindra High School were responsible for running their very own ‘Target Team’ at the Canowindra International Balloon Challenge.

Some of the mathematical skills that the students had to demonstrate as part of the ‘Target Team’ throughout the competition included:

- Finding target position on a map using a grid reference system
- Using the Global Positioning System (GPS) or competition logger to accurately find the target position as detailed on the task sheet
- Use a compass to find North and set up the target with legs of target pointing toward North, East, South and West.
- Mark out the measurement area at the specified radius distance from the centre of the target according to the task sheet
- Construct complex shapes to form targets from given information and diagrams, using knowledge of Pythagoras’ theorem and parallel lines
- Using equipment such as measuring tapes and trundle wheels accurately measure the distance from the middle of target to each marker bag.
- Accurately record results on results sheets in correct units and to two decimal places
- Record the approximate position of each marker on the circle diagram on the results sheet indicating the direction the marker travelled across the measurement area
- Record the position of markers that landed outside the measurement area using GPS coordinates

Some of the complex shapes that the students had to construct as targets can be seen in the photos. *Mr Phelan.*
Principal’s News

As many of you are aware I have taken leave for the first four weeks of this term and it gives me great pleasure to welcome Mr Stuart Riles who will be relieving in my position during this time. Stuart is a long term experienced Deputy Principal from Canobolas Rural Technology High School who has a great passion for education. I am sure you will join me in welcoming Stuart to our school during this time. During the first week of term Mr Riles will also be joined by Mr Rod Jones as relieving Deputy Principal and Mr Warren McKenzie as relieving Head Teacher Mathematics/PDHPE.

Thank you to the students who represented our school at the annual ANZAC march. It is a great credit to these young people who gave their holiday time to acknowledge such an important day and be positive ambassadors for our school. I would also like to acknowledge the staff who supported the students on the day.

Congratulations and thank you to the Duke of Edinburgh students and Mr Phelan who once again did a fantastic job supporting the Canowindra International Balloon Challenge by acting in various capacities throughout the competition.

Congratulations goes to Albert Steedman for being the last winner of our weekly merit draw.

Neryle Smurthwaite
Principal

STAFF PROFILE

Name: Tony Dagg
Position/Role: Visual Arts Teacher
Years Teaching: Many
Years at Canowindra High: At least a century, so Y7 tell me, ‘cos you taught my mum, six sisters and my uncle, Sir’

Hobbies/Interests: Art related activities, gardening, coastline hiking, dirt bikes, watching World Rally Championships and Supercars
Last book I read: John Dermer: Celebrating the Journey
Best thing about being a teacher: Realising the impact and difference we make on the lives of young people in their formative years. Ours is a privileged and at times humbling position.
Did you know (a fact about yourself)? I’m a twin, and my other half is an artist who lives on the NSW north coast. He, like me, has two children. He: female (5y) and male (15y) and me: male (26y) and female (28y).
CANOWINDRA HIGH SCHOOL CARE and SUPERVISION OF SCHOOL STUDENTS POLICY—Summary

The Principal and staff of Canowindra High School have a responsibility for the protection, welfare and safety of students when the school is open (hours 8.30am to 3.24pm). Observations show that very few students are present outside of the above hours.

The School Executive, under guidance of the Deputy Principal who is responsible for attendance, are responsible for:

- Reviewing the Plan on an annual basis
- Observe and analyse attendance data
- Report to staff and school community
- Observe Child Protection/Duty of Care guidelines

Supervision Before School

- All teaching staff have agreed to the need to provide supervision before school from 8:30am.
- Teachers elect to be placed on this supervision roster and do this as part of their playground duty requirements
- Students are informed on what to do and the need to be in the required area.
- Parents to be regularly reminded of supervision arrangements

Supervision of Students During the Day

- Late Students - Students late for Roll Call must report to the front office.
- During Recess and Lunch teachers are rostered on Playground Duty to supervise the designated areas.
- At all times during the school day students must seek permission before leaving the school premises. All students are required to carry an out of school pass.
- Procedures are in place to ensure the orderly and safe movement of students. Stairways and other high-risk areas are kept clear at all times.
- Sport students are under the direct supervision of a teacher.
- Supervision whilst on an Excursion is the responsibility of the attending teachers. In the case of overnight excursions with mixed sex groups, there exist special requirements with regard to appropriate supervision which must be clearly communicated to attending staff, students and parent/caregivers.
- Canowindra High School is covered by the Inclosed Land Act which means no one is to enter the school grounds without permission. All visitors to the school should enter via the front office.
  Child Protection Procedures are in place for all persons entering the school grounds.

Supervision of Students After School

- The Deputy Principals and Head Teacher on duty are rostered on Bus Duty. All buses have departed by 3.45pm.

What do I do when.....

I HAVE AN ISSUE?

If possible speak to the person with whom you have a concern. If this is not possible speak with your Year Adviser, a Head Teacher, the Deputy Principal or the Principal. If the problem is serious, ask your parents to phone the Deputy Principal or Principal on 6344 1305.
Duke of Edinburgh Award
Canowindra International Balloon Challenge

During the second week of the school holidays twenty-three students who are completing their Duke of Edinburgh Award at Canowindra High School volunteered their time at the Canowindra International Balloon Challenge.

The students met at Canowindra Showground at 5:30am each morning for a briefing that included all officials, volunteers, balloon pilots and their crews. At the briefing all in attendance were informed of the weather forecast and were given a task sheet that provided details of the morning’s tasks.

The students formed their very own Target Team, with Mr Phelan as their Target Team Leader, and it was their responsibility at the conclusion of the briefing to locate on a map where they were required to set up their target for the morning, drive to that location and then set the target up at the exact coordinates using a compass and GPS device.

Once the target was set up, the students would then wait for the pilots to launch from their designated area and watch as they dropped markers at their target area. Once the markers were dropped, the students were then responsible for measuring and recording the markers proximity to the centre of the target.

Throughout the competition the students were complimented by officials, balloon pilots and volunteers on the way in which they conducted themselves and completed their set task.

Congratulations to Oliver Beaumont, Chloe Bellach, Samuel Brand, Annelise Brown, Joshua Dawson, Maisie Harrison, Clare Hines, Matthew Jones, William Lawler, Darcy Merchant, Emily Moran, Noah Oldfield, Kathleen Pace, Rhian Pengilly, Jackson Reeves, Caitlyn Roy and Claire Wright (Bronze Award), Julia Wright, Ashlee Hampton, Josie Clements and Hudson Izzard (Silver Award), William Wright and Hamish Gregson (Gold Award). Mr Phelan.
Athletics Carnival 2018

On Wednesday the 11th of April Canowindra High School held their annual athletics carnival at the Sports Trust Oval. The weather was hot, and so was the competition! Students demonstrated outstanding levels of effort and school spirit throughout the course of the day. Mr Rue and students would like to thank all parent helpers who gave up their time to help in warm conditions! Hall (877 points) were winners on the day, followed by Gilbert (809 points) and Gardiner (538 points). Mr Rue.

**Age Champions**

<table>
<thead>
<tr>
<th>12yr Female Champion</th>
<th>12yr Male Champion</th>
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<tbody>
<tr>
<td>Emma Hines</td>
<td>Kaden Woolley</td>
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<tr>
<td>13yr Female Champion</td>
<td>13yr Male Champion</td>
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<tr>
<td>Letitia Andrew</td>
<td>Harry Beaumont</td>
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<td>14yr Female Champion</td>
<td>14yr Male Champion</td>
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<tr>
<td>Darcy Merchant</td>
<td>Dylan Slattery</td>
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<td>15yr Female Champion</td>
<td>15yr Male Champion</td>
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<tr>
<td>Maisie Harrison</td>
<td>Garrarde Donald</td>
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<td>16yr Female Champion</td>
<td>16yr Male Champion</td>
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<tr>
<td>Alana Smith</td>
<td>Blair Woods</td>
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<tr>
<td>Open Female Champion</td>
<td>Open Male Champion</td>
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<tr>
<td>Julia Stanley</td>
<td>Jamie Austin</td>
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**New Carnival Record**

Congratulations to Gilbert House whose 14yr Male 100m Relay team set a new school record of 56.00! It replaces the old record of 56.38 also set by Gilbert House in 2009.
ANZAC Day thank you

A big thank you to all of those students and staff who marched in either the Canowindra or Eugowra ANZAC Day marches, respectfully acknowledging all those who have served and died in war and on operational service, and those currently serving today. Below is a thank you received from Mr Michael Harrison, President of the Canowindra RSL Sub Branch:

“On behalf of the Canowindra RSL Sub Branch, I would like to thank Canowindra High School staff and students for taking part in the ANZAC Day march and service. It was great to see so many students marching down the main street to Memorial Park. Thank you to the School Leaders William Wright, Julia Stanley, Ashley Frost, Alana-Rose Cramer and Angus Fisher for laying a wreath at the service, and to Mrs Curtis for organising the school piano and leading the singing. Thank you to all the staff and parents for your continued support.

Special thanks to Julia Stanley, William Wright and Angus Fisher who did an exceptional job helping to cook the ‘Gunfire Breakfast’ on ANZAC Day. It is a big help to the Canowindra RSL Sub Branch and we thank you very much.

RSL Sub Branch members Christine Sampson, Ian McIlvain, Ken McDonald and myself would also like to thank the school for our invitation to your school ANZAC Day Service on the last Friday of Term 1. We were very proud to be there and appreciate the efforts of all involved particularly staff Ms Gregson, Mrs Kinsela and Mr Ball, and students Mackenzie Lazarou, Angus Fisher, Clare Hines, Claire Wright, Chanse McLean, William Wright, Julia Stanley, Hamish Gregson and Mitchell Clark.”

Michael Harrison, President, Canowindra RSL Sub Branch

Canowindra High School staff and students marching in the ANZAC Day March on Wednesday in Canowindra.

Canowindra High School students marching in the ANZAC Day March on Wednesday in Eugowra.

Students and staff with RSL Sub Branch Representatives following the School ANZAC Service. Back row: Neryle Smurthwaite (Principal), Louise Gregson, William Wright, Ken McDonald, Michael Harrison and Ian McIlvain. Front row: Clare Hines, Claire Wright, Mackenzie Lazarou, Julia Stanley, Christine Sampson and Angus Fisher.
SNACKS

Fresh Fruit .50
Popcorn .50
Ham & Cheese Puffs .50
Baking $1.50
Noodle cups $3.00
Chips $1.50
Yoghurt/Custard $2.50

EVERY DAY

Party Pies/Sausage Rolls .50
Chicken Nuggets x5 $2.50
Cheese and Bacon Bun $2.00
with Patty $3.50
Sausage Roll $3.00
Soup & Roll $4.00
Pie $4.50

DRINKS

Water, Sm/Lg $1.50 /$2.50
Sparkling Water, plain $2.00
Sparkling Water, flavoured $2.00
Plain Milk, Sm/Lg $1.00/$2.00
Small Milk, Flavoured $2.50
Large Milk, Flavoured $4.00
Juice, Sm/Lg $2.50/$4.00
Iced Tea $4.00
Coke Zero/Lemon (Fridays) $2.50

LUNCH SPECIALS $5.00

Week A
Marinated Chicken & Fried Rice
Spaghetti Bolognaise
Honey Mustard Chicken & Rice
Pasta Bake
Hot Dog & Drink

Week B
Kebabs & Potato Bake
Jacket Potatoes w/ your choice of toppings
Creamy Chicken & Bacon Fettucine
Curried Sausages & Rice
Oven Baked Fish & Chips

Available to order everyday-
Roast of the Day with Veg & Gravy $6.00
Beef or Chicken & Gravy Rolls $4.50
Toasted Sandwiches $4.00
Chicken Caesar or Sweet Chilli Wraps $4.50

*Orders can be placed at The Hub before school or at recess.

FROZEN TREATS

Milo Scoop Shake $3.50
Frozen Yoghurt $3.00
Shakey Shakes $3.00
Paddle Pop $2.50
Icy Pole/Calipo $1.50
Zooper Dooper .50

The Hub is managed by the P & C. Contact Sue Townsend on 63442102 for information or to join the volunteer roster.

Prices and availability subject to change.
Updated 1/05/2018
Rural Cup

A reminder that notes and payment for those students participating in the first round of Rural Cup are due this Friday 4th May. Payments can be made at the front office or via the POP Portal located on the school website.

The Western Front, 20th-Century Germany and Ancient Italy Study Tour

Academy Travel have organised a European study tour, to be held April 2019, for Cowra High School and an offer has been extended to Canowindra High School students to join them. This opportunity is only available to those students who will be in Year 10, 11 or 12 in 2019.

Depending on numbers, a Parent Meeting will be held next week in Cowra. For more information please contact Mr Stuart Kerr at Cowra High School on 63421766. Copies of the full brochure are available in the school foyer. Thank you.

What’s On

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<tr>
<th>Week 1A</th>
<th>Term 2</th>
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<tr>
<td>Monday</td>
<td>30 APR</td>
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<td>Tuesday</td>
<td>1 MAY</td>
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<td>Wednesday</td>
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<td>3 MAY</td>
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<td>4 MAY</td>
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<table>
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<tr>
<th>Week 2B</th>
<th>Term 2</th>
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<tbody>
<tr>
<td>Monday</td>
<td>7 MAY</td>
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<td>Tuesday</td>
<td>8 MAY</td>
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<td>Wednesday</td>
<td>9 MAY</td>
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<td>Thursday</td>
<td>10 MAY</td>
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<tr>
<td>Friday</td>
<td>11 MAY</td>
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Assessments Due

<table>
<thead>
<tr>
<th>Week 1A</th>
<th>Term 2</th>
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<tbody>
<tr>
<td>Y11: Ag (1); Legal (1); Visual Arts (1)</td>
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<tr>
<th>Week 2B</th>
<th>Term 2</th>
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Academy Travel
Schools and Workshops Program
Level 19/1 George Street Sydney
Ph: (02) 9252 6700
Fax: (02) 9252 6740
Email: sales@academytravel.com.au
Website: www.academytravel.com.au

Academy Travel is an Australian company which designs and manages specialised international tour programs for schools, universities, and private groups. This will be the fourth tour we have managed for Cowra High School.