



The Balgowlah Boys Campus Newsletter

Week 10 Term 2 2015

Principal's Report

Relieving Principal's Newsletter

One area of curricula which is now being given attention and developed at Balgowlah Boys' is a unit of Mathematics designed to more engage our boys by offering them practical maths in the real world. This unit of work, created by Chris Hickford of the Maths Department, will not only help our boys solve everyday problems involving maths, but will also help students prepare for such senior subjects as Construction, Hospitality, Geography, Timber and Design & Technology. The course will be offered to all students who need encouragement and confidence to find solutions with Mathematics.

The "Maths in the Workplace" unit explicitly examines in graphic form such concepts as: Measurement in the workplace, Maths in Carpentry, interpreting housing plans, Area & Construction, Maths & Plumbing, Invoicing, Taxation, Loan Repayments and many more activities. Indeed, many of the staff (including myself) having examined this unit of work indicated that they too would like to learn such practical maths!

Following are some examples from the booklet...

Constructing Ramps

When constructing ramps, they should be designed to have a gradual slope, so that wheelchair and pram access is easy for the person pushing the device. The slope is known as the gradient and can be calculated by dividing the vertical rise by the horizontal run.

Ideally, the gradient should be close to 1:12 for wheelchair access.

Gradients can be far higher for certain ramps, such as skate ramps.

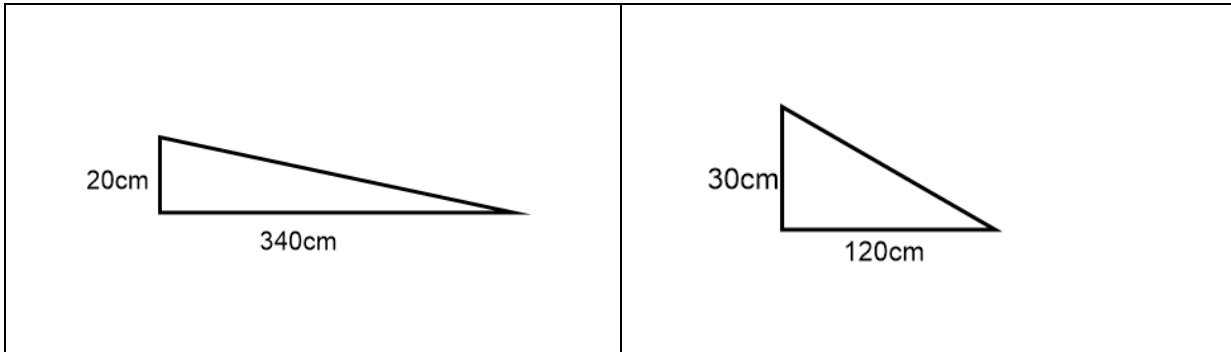
$$\text{Gradient} = \frac{\text{Rise}}{\text{Run}}$$



Calculate the gradient of these ramps

1. A ramp with a rise of 60cm and a run of 450cm. _____
2. A ramp with a rise of 15cm and a run of 220cm. _____
3. A ramp with a rise of 20cm and a run of 1500mm. _____

4. Find the gradients for the ramps in the diagrams



The image shows a ramp with 6 and a half wooden planks. If each plank is 250mm by 1200mm, with a 10mm gap between each, what is the area of the top of the ramp?

This plan shows the floorplan of a townhouse in Dee Why.



- a) Find the area of the lounge room.
- b) Find the combined area of all the bedrooms.
- c) How much space is allocated for parking cars?
- d) How much more floor area is there in the dining room as opposed to the kitchen?
- e) How many toilets are shown on the plan?
- f) Draw diagrams to complete the table. Which symbols are used on the floor plan to represent?

Shower	Cook top	Stairs

- g) What does "W'In Robe" stand for?
- h) How much carpet would be required for the bedrooms in m²?
- i) If the carpet costs \$65 per m², how much will it cost to carpet the bedrooms?

- j) The courtyard is shown. Find the total area of the courtyard.
- k) The courtyard will be paved, using pavers of 25cm by 25cm. How many will be needed if there are no gaps between them?
- l) Each paver costs \$12. How much to pave the yard, if labour costs are \$250?

Concreting

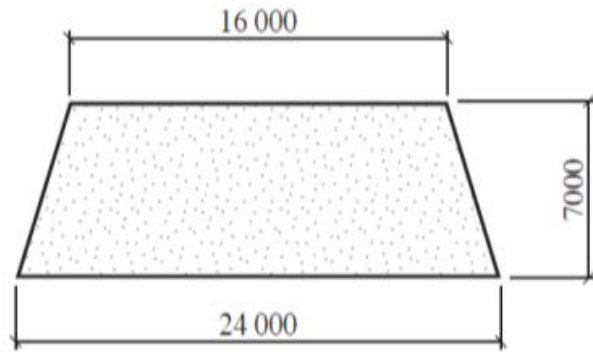
This concrete slab is measured in millimetres

- a) What shape is the slab?

- b) What is the area formula for that shape?

A = _____

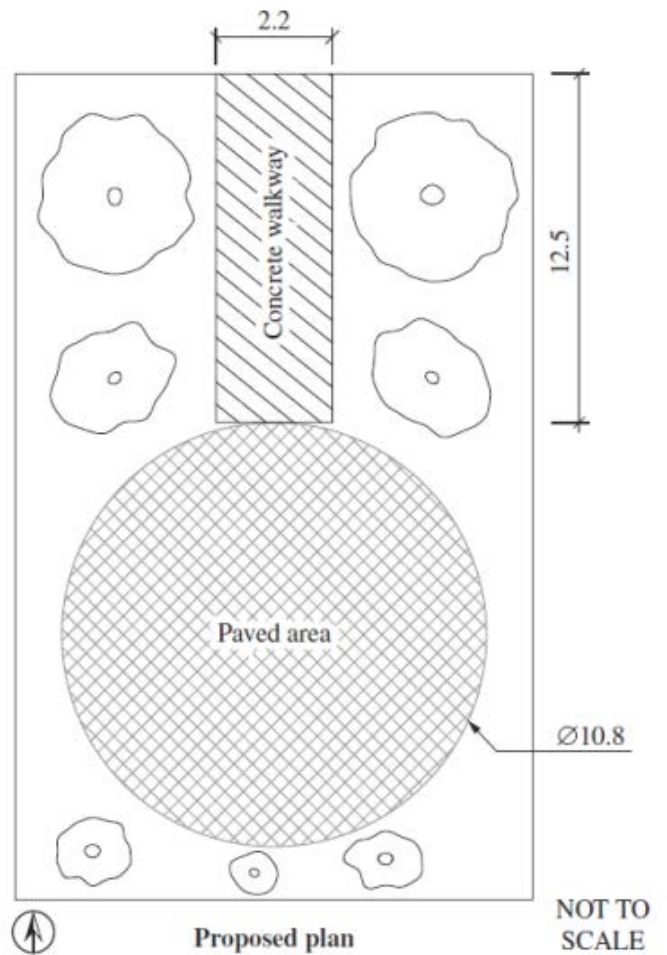
- c) Calculate the area of the slab



This diagram shows a proposed plan for a garden bed. All given measurements are in metres

If the walkway is 75mm thick, find the volume of concrete required, allowing for a 10% wastage of materials.

The circular paved area requires a concrete base. If the given radius is 10.8m, find the area to be concreted (to nearest m^2)



(Questions from 2013 HSC Construction Examination)

Below is an email the school received (from Ms Kosoric) I'm sure we all can be proud of...

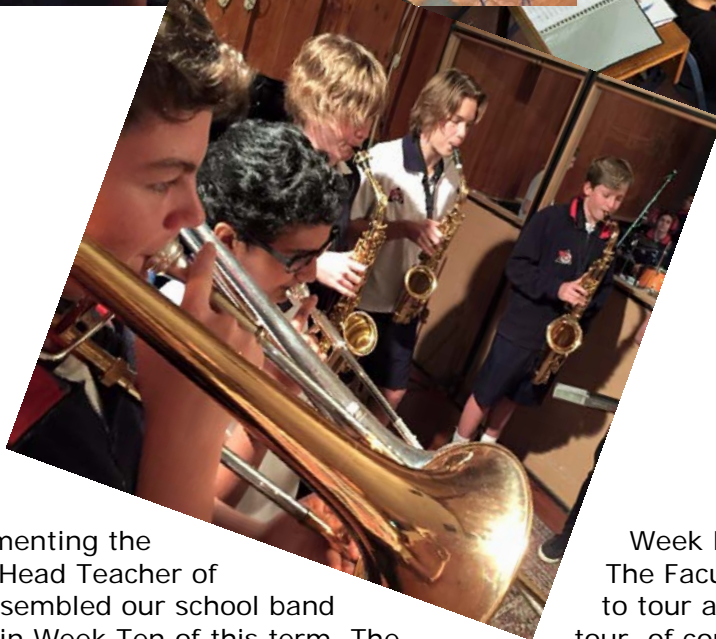
"Just to let you know that year 9 were victorious in their debate today against Chatswood High as part of the Premiers Debating Challenge. The topic was "Voting should be voluntary". The boys were on the negative team, presenting a highly convincing case! I have attached some photos of the boys post victory".



Well done Jeremy, Max, David & Julian.
Articulating confidently a strong, rational and well supported point of view publicly is a great skill.

Ian James
Relieving Principal

In Week Nine of this term, Mr Shanal, Ms Wiktorowicz & Mr Ropa took the boys to Elanora Heights for their annual Band Camp. From the beginning of the day until the evening the boys worked with teachers and students from our school and Cumberland High School to prepare for **MAD2015** and Winter Band Tour. Such intensity not only dramatically improves their individual musical talents but also helps bond the boys into a tight musical unit. The following photos from the camp help illustrate their growth.



Complementing the Shanal, Head Teacher of again assembled our school band Schools in Week Ten of this term. The purpose. Firstly, the band entertains and delights the young audience with a selection of appealing songs demonstrating their musical talents. Secondly, the band tour highlights just how progressive Balgowlah Boys Campus is in terms of not only it's musical prowess, but also signals the idea that students at Bally Boys are given the opportunity to develop a broad range of interests. Well done Mr Shanal and Ms Wiktorowicz.

Week Nine band camp, Mr The Faculty of Arts has once to tour a number of local Primary tour, of course, has a twofold

selection of appealing songs demonstrating their musical talents. Secondly, the band tour highlights just how progressive Balgowlah Boys Campus is in terms of not only it's musical prowess, but also signals the idea that students at Bally Boys are given the opportunity to develop a broad range of interests. Well done Mr Shanal and Ms Wiktorowicz.

Library Lines

At the Northern Region Teacher-Librarians Annual Conference last week, the first speaker opened with the following - "An extensive body of research spanning five decades found that Libraries have a significant impact on student learning, whether measured in terms of reading scores, literacy or learning (more generally), regardless of socioeconomic or educational levels of adults" (Lonsdale, 2003)

Balgowlah Boys Campus is extremely fortunate to have a well-resourced Library which is strongly supported by the school executive and P&C. The **multi-literacy collection** contains high impact resources carefully selected to enhance boys' literacy and numeracy.

The NSW Premiers Reading Challenge 2015 is well underway with all Years 7 and 8 students attending regular wide-reading classes with their English teacher, selecting and reading books from the Years 7-9 list. The following Year 8 boys are to be congratulated on having completed the

RESPECT | RESPONSIBILITY | EXCELLENCE

Challenge: **Lucca Bruzzano, Jack Evans, Billy Franks, Ethan Low, Caleb Miller, Luca Modlin, Owen Sengchanh, Aiden Torpey, Maxwell Zhao.**

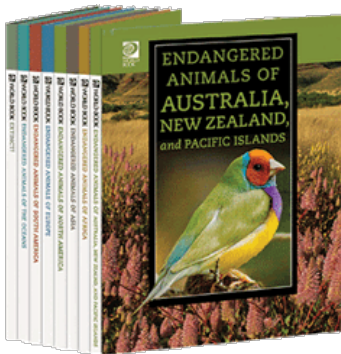
The following students are almost there: **(Year 7) Sebastien Bland, Edward Byrne, Jamie Dunn, Rafael Mamott, Jack Rodgers, Mitchell Steer and Derek Warren. (Year 8) Tremayne Chivers, Will Freeman, Ewan Hughes, Tom Kelsey, Pawan Mohan, Joshua Paese and Josh Rusell.**

School Libraries are at the heart of 'Learning across the curriculum'. Libraries have a vital role in:

- Critical and creative thinking,
- Ethical understanding and
- Information and communication.

Learning across the curriculum using conceptual programming is the current push in England (Quality Teaching in public education). The emphasis is on the 'why' we are doing it, with less on the 'how' and 'what'. Currently a draft form resource is being developed for our schools, the model presented at the recent Northern Region Annual Teacher-Librarians Conference. It is exciting to note that Balgowlah Boys is already there. Our school proudly offers numerous project-based, across-the-curriculum learning programs. The library-based, inquiry learning program for all Year 7 students is based on the '**Golden Circle**' model which places the greatest emphasis on the 'why', less on the 'how' and very little on the 'what'. The boys gain most marks for their process as they develop skills to become independent learners.

The Library subscribes to a valuable resource for research, scavenger hunts, time-lines etc. It is available to all staff, students and parents is www.worldbookonline.com



Log-in ID: ballyboys
Password: library

Also log on and experience the wide range of resources available, also enjoy the free trial of ebooks until 6th July.

<http://tryit.worldbookonline.com>

ID: wbebooks
Password : comet
Expiry : 6/7/15

Joy Jones

Teacher-Librarian

NBSC Duke of Edinburgh's Award

All the best to **Jack Halford, year 11** who is participating in his Gold Practice expedition in the holidays! He will be doing the Somerset 'Urban Challenge' with 22 other NBSC students, starting at Berowra Oval and spending 4 days and 3 nights of fun and adventure hiking, navigating, camping to finish and finishing under the Harbour Bridge!

All year 9-11 NBSC Duke of Ed students have been invited to participate in the 'Provide First Aid' course, run by Surf Life Saving NSW at Freshwater Senior Campus on Thursday 6th August 2015. The course provides participants with the knowledge and skills needed to manage emergency first aid situations and deliver competent emergency care until the arrival of professional medical support. This is excellent training for Duke of Ed expeditions. The certificate is valid for three years and is nationally recognised WorkCover approved training. Normally a 2 day course, this will be presented in 1 day with a *prerequisite workbook* which is to be completed by the student in their own time **prior** to the commencement of the course. The workbook with accompanying manual will be handed out to students once payment and permission slip has been returned. Please return your note and \$70 payment to the office ASAP.

Naomi Yorston

Year 7 Report

Wow! Another term has gone by for our "not so new" Year 7's. We couldn't be more pleased with the way the boys are applying themselves to their work. Some recent conversations with a range of teachers has confirmed just how diligent the boys have been in the main. More importantly for us is how the boys are integrating with the Bally community and that seems to be going exceptionally well.

As the boys settle so well it is important that they all remind themselves of our core values of Respect, Responsibility and Excellence. All students must strive to do their best class work but also be considered in their approach to our peers and teachers

This final week of term sees a number of courses end before the changeover to new subjects in semester two. Expect timetables to be updated by the first day back. For example Rock and Water becomes Drama and vice versa, Geography ends and History begins. Sports all remain unchanged for term three

Now the seasons have changed we are seeing plenty of jumpers being left by boys around the school. Please make sure your son's name is clearly printed on the label of his jumper. If the worst has already happened remember that second hand jumpers are available at good prices as well as new ones from the office.

We hope all the boys in Year 7 and their families have an enjoyable, exciting and safe holiday break. We look forward to seeing you in Term 3 refreshed, positive and energetic.

Daniel O'Brien and Ian May,
Year 7 Co-Advisors.

School Uniform

Students are expected to wear uniform at all times including to and from school.

The upcoming school holidays are an opportunity for students to replace non-uniform items and to be prepared for full school uniform in Term 3.

Where a student is unable to wear an item of uniform a note from home must be supplied including the date, reason and parent/guardian signature.

Students will have 3 non-uniform instances (with or without an explanation note) recorded before being referred to a Head Teacher for Afternoon Detention.

On the next occasion the student will be issued with a Letter of Caution (Suspension Warning) by a Deputy Principal.

The student will be suspended for continual disobedience on the next occasion being out of uniform.

Following is an explanation of acceptable uniform items including shoes and socks.

Financial Assistance can be provided where students need support to purchase uniform items.



Balgowlah Boys Campus

Uniform Policy

v 4 22.6.15

Students are expected to wear the school uniform at all times including to and from school.

Juniors – Winter and Summer

- Navy blue cotton shorts (summer)/long pants (winter) with school logo
- Short sleeve white polo shirt with school logo.
- Socks – white (not ankle – no logos)
- Shoes – black leather lace up school shoes (no boots, canvas, Vans, trainers)
- Jumper – polar fleece or half-zip with school logo
- Hat –BBC Cap

Seniors

As above except:

- Shirt - white cotton button-up collared shirt with school logo
- Tie – senior tie (compulsory for Prefects)

Sport and PE Uniforms

- Shorts – navy blue with school emblem
- Navy sports polo shirt with school logo
- Trainers and white socks
- Hat – TBA (as above)

Sports Uniform worn only:

- ✓ Wednesday
- ✓ During sport/PDHPE classes
- ✓ Special excursions/days/carnivals where notified

Please Note

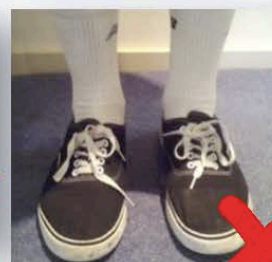
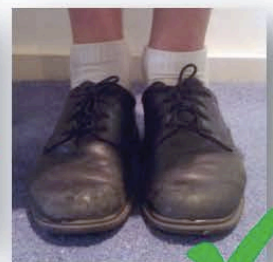
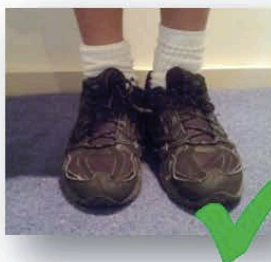
Studs or sleepers may be worn in ears.

Students are discouraged from wearing other items of jewellery for security and safety reasons.

Balgowlah Boys Campus

Uniform Policy v4 22.6.15

1. Each uniform incident record on Academy = issue purple Uniform Pass
2. 3 recorded incidents = referral to HT (Level 1: Afternoon Detention)
3. Next incident refer to HT = HT referral to DP (Level 2: Letter of Caution)
4. Next incident refer to DP = DP referral to P (Level 3: Short Suspension)



Updated 22.6.15

Work Health & Safety and School Uniform

Shoes, Hats and Jewellery

- In order to ensure our students are safe during school activities it is expected that students wear **black leather** school shoes as part of their standard uniform. Black leather shoes are particularly important when working in Technology and Science due the materials handled.
- Students are encouraged to wear a **school hat** to protect them from the sun.
- Students are discouraged from wearing **jewellery** such and chains or rings that may cause injury to themselves or others when using machinery or during class and physical activities.



Updated 22.6.15