

# COLO HIGH SCHOOL IN CONTACT



OFFICIAL NEWSLETTER OF COLO HIGH SCHOOL

Term 4 - Week 6 | 2019



## EXECUTIVE TEAM MESSAGE:

*By Mr Sargeant, Mr King and Mrs Wright*

Congratulations to our Year 12 students who have recently completed their HSC exams and good luck to those students anxiously awaiting their results. All of our 2019 graduates are welcome to attend our breakfast celebration on Tuesday 17 December 2019 at 7:30am. We look forward to seeing you all again.

The Year 10 Formal is quickly approaching and final payments for eligible students are due on 29 November 2019 to the front office. Families are reminded that outstanding course fees need to be finalised in order to be eligible to attend. Statements have been sent home regularly throughout the year via email and again as recently as last week. Please contact the office if you have any questions regarding your statement.

For those Year 10 students considering an apprenticeship in 2020, the next few weeks are an opportune time to complete some work experience. Quite often students who perform well during work

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## KEY DATES:

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### Principal's Morning Tea

*Wednesday 27 November*

### White Ribbon Event

*Friday 29 November*

### Michael Griffin Student Seminar

*Friday 29 November*

### Year 7 2019

### Orientation Day

*Tuesday 3 December*

### Presentation Evening

*Wednesday 4 December*

### Recognition Assembly

*Friday 6 December*

### Year 10 Clearance

*Monday 9 December*

### Year 10 Formal

*Thursday 12 December*

### Year 7 and 8 Rewards Excursion

*Friday 13 December*

### Reports Issued

*Friday 13 December*

### Last Day of 2019 School Year

*Wednesday 18 December*

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experience blocks at this time of year are offered apprenticeships beginning in January. If you would like some assistance or advice regarding this, please see Ms McNair as soon as possible. If you have already been successful in acquiring an apprenticeship, full-time work or a TAFE placement for 2020 we would really appreciate your assistance in completing the sign-out process in the days after your formal. You will require appropriate documentation before we can officially sign you out of school. If you need guidance through this process or have questions, please see Ms McNair.

As you may have already heard, Mr Burke will be leaving Colo HS at the end of Week 6 to take up the position of Head Teacher Science at Hawkesbury HS. Mr Burke has been a valuable member of our school community over many years and on behalf of the school community we thank him for his contribution to Colo HS. His Year 10 students will particularly miss the rapport he had developed with them as their Year Advisor. We would also like to congratulate Mr Hyde who will take over as Year Advisor from Mr Burke.

As the implementation of our Bring Your Own Device (BYOD) program continues to grow the demand on our technical support services has also increased. To assist students, parents and staff in the increased use and implementation of technology in the school we have appointed a BYOD co-ordinator for 2020 and are accepting applications for a Technical Support Officer. Congratulations to Ms Jones who will take up the role of BYOD co-ordinator next year. If you have any questions regarding our program, appropriate devices or require support please contact Ms Jones.

Understanding how to best support your child's learning is a priority of Colo HS, however understanding your child's health needs is just as important. We understand that things change, however it is extremely important that when your child has or develops a health condition, we are kept up to date with the management requirements of the condition. Doing so will allow us to provide the best possible care for your child when necessary. This is particularly important when we are planning for excursions and extra-curricular activities which may be far from medical support. If you are unsure about the accuracy of our records or if you need to update them please contact our office as soon as possible.

We have a busy schedule over the coming weeks and to ensure you or your child doesn't miss out please refer to the dates in this newsletter, our website, social media pages and our Student and Parent Portal.

*Thank you!*





# STUDENT ACTIVITIES AND ACHIEVEMENTS:

## *Design and Technology student success – Natalie Werle nominated for possible inclusion in Shape 2019*

Congratulations to Natalie Werle for her nomination for possible inclusion in Shape 2019. Shape 2019 showcases a selection of outstanding major projects from the HSC Design and Technology, Industrial Technology, and Textiles and Design courses. The exhibition will be at the Powerhouse Museum, Museum of Applied Arts and Sciences (MAAS), Sydney, from 28 February to 3 May 2020. We wish Natalie all the best with her nomination.



## *Michael Payne National Championships*

Michael Payne in Year 11 recently competed in an open water swimming event at the Sydney International Regatta Centre. Michael competed in the 7.5 kilometres event, where he needed to complete the race in 1 hour 50 minutes or better in order to gain a National qualifying time. We are very happy to report that Michael was successful, crossing the line in 1 hour 44 minutes. Congratulations to Michael, who is now off to compete at Nationals in Adelaide in late January.

Michael has also qualified for the New South Wales Open Water Championships in the over the 5 kilometre category. This event will be held on Thursday 19 and Friday 20 December. He is hoping to get a qualifying time for Nationals over this distance and we wish him the very best of luck.

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# FACULTY IN FOCUS: MATHEMATICS

By Ms Bridge

## MathsOnline:

As a faculty we have been impressed with our decision to transition from Math Pathways to MathsOnline for our P and L classes and extend integrated online learning to all Year 7 and Year 9 Stage 5.3 students. The significantly reduced pricing, from \$72 to \$12, has also allowed us to offer all other students access to this program to supplement their personal learning.

MathsOnline has allowed the Mathematics staff to set tasks directly appropriate to the learning occurring in class as well as create targeted revision, further supporting student preparation prior to assessments. It also allows every child to explore any content across the full K-12 NSW Curriculum.

The program itself is evolving and expanding, providing improved scope for our staff to modify tasks to specific needs of their students.

Following this year's successful trial, we will be expanding the integrated use of MathsOnline within our teaching to all Mathematics classes in 2020.

## Competition Results:

This Year saw 90 students sit the Australian Mathematics Trust's (AMT's) Australian Mathematics Competition (AMC). The Year 7 cohort has the strongest results with One distinction and 11 Credits.

### YEAR 7:

<i>Tylor Mallia</i>	Distinction
<i>Ava Allen</i>	Credit
<i>Matteo Lopez</i>	Credit
<i>Louisa Banbury</i>	Credit
<i>Jessica Plew</i>	Credit
<i>Ella Galeedst</i>	Credit
<i>Freya Reed</i>	Credit
<i>Liam Vlasic</i>	Credit
<i>Ryan Kross</i>	Credit
<i>Alessandro Froemel</i>	Credit
<i>William Insch</i>	Credit
<i>Amber Sherrard</i>	Credit

### YEAR 8:

<i>Emily Hayday</i>	Credit
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### YEAR 9:

<i>Lachlan Plew</i>	Prize
<i>Conlon Heslop</i>	Credit
<i>Hannah Robinson</i>	Credit
<i>Darcie O'Connell</i>	Credit

### YEAR 9:

<i>Phillipa Gow</i>	Credit
<i>Zackson Eaton</i>	Credit

Students who sat the competition were invited to attend the Luna Park excursion providing a fabulous opportunity for students to experience real world Mathematics in a stimulating environment. Unfortunately, due to staffing requirements, numbers were capped. Another opportunity to attend this excursion will be offered to students who enter the 2020 AMC competition.

## Lachlan Plew - Invitation Mathematics Competitions and School of Excellence:

As a consequence of his outstanding performance across a range of competitions in 2018 and continued performance this year, Lachlan Plew has again received invitations to further Mathematics competitions in 2019.

These include:

1. The Tournament of the Towns, an international competition between 4 and 5 hours in length with more than a hundred participating cities around the world. Lachlan achieved the following results:
  - Tournament of the Towns O Level (4 hours) – 8th out of 30 in NSW (Note that Lachlan was severely disrupted throughout this paper with room changes).
  - Tournament of the Towns A Level (5 hours) – 4th out of 23 in NSW.

Lachlan has been invited to sit a second round of O and A level papers in late November. We wish him well for these exams.

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# FACULTY IN FOCUS: MATHEMATICS

By Ms Bridge

2. The Australian Mathematical Olympiad Committee (AMOC) Senior Contest – an invitation contest for students who have a likelihood of representing Australia in the International Mathematical Olympiad.

- Lachlan received an – Honourable mention (a significant achievement for a Year 9 candidate).

3. The Australian Intermediate Mathematics Olympiad (AIMO), a 5 hour paper to determine which students are selected to a number of invitation only events, including other mathematics competitions, enrichment classes and training schools.

- Lachlan was awarded a Prize (Earning a score of 33 marks, 5 more marks than the cut off for a prize).

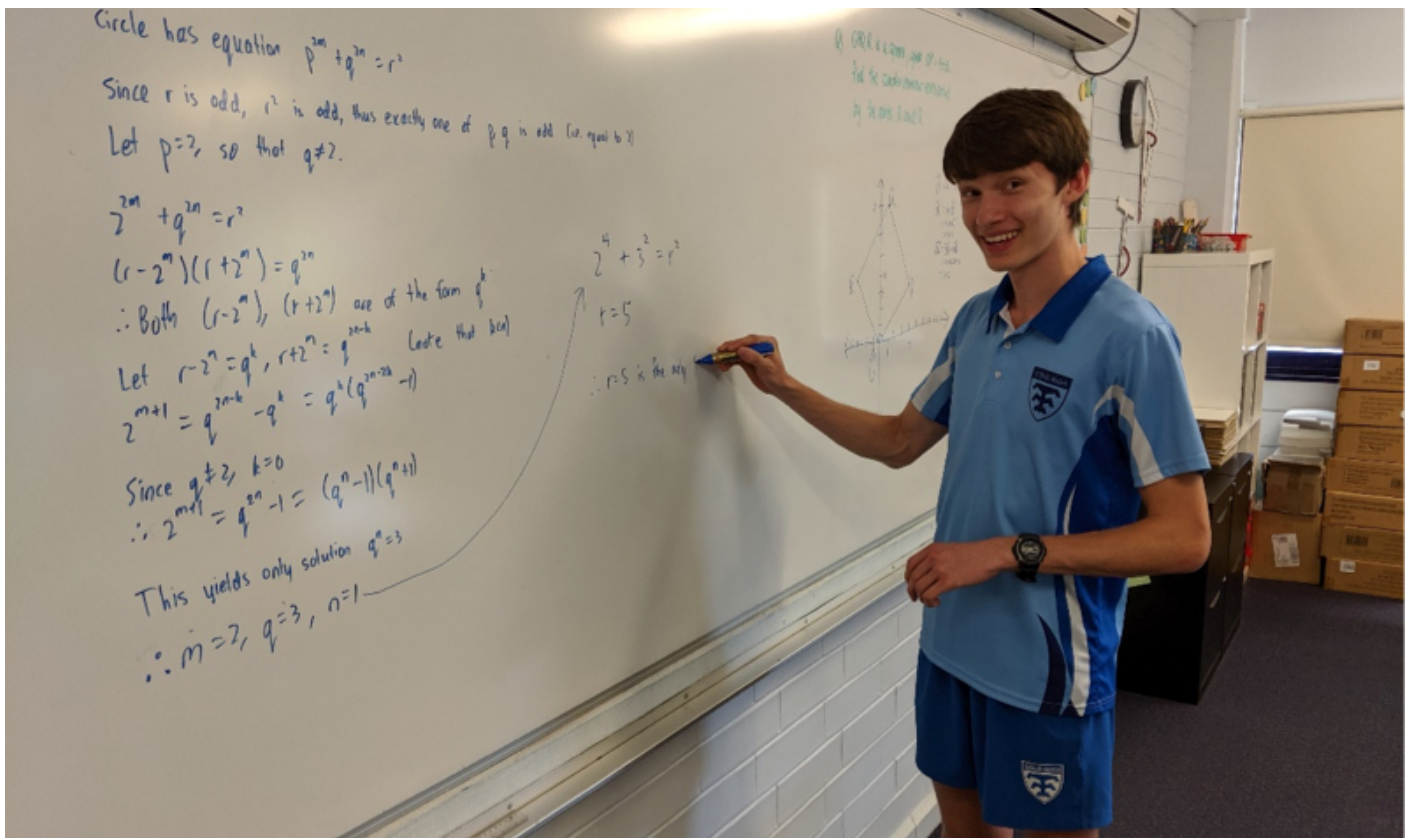
4. The Australian Mathematics Competition (AMC), as mentioned earlier, Lachlan received a Prize with a mark in the top 100th percentile and was awarded “Best in School”.

As a consequence of these significant successes, Lachlan’s has just received an invitation to attend the Australian Mathematical Olympiad Committee’s School of Excellence, for a week in December.

The principle purpose of the School of Excellence is to develop mathematical problem-solving skills and help identify students who may become members of the Australian team for next year’s International Mathematical Olympiad (IMO)

We are all so very proud of Lachlan’s achievements and wish him every success with his weeklong participation in this intense immersive Mathematical program in Melbourne.

Also, a very special thankyou to Lachlan’s parents, Lisa Coe and Jeff Plew, for their continued support of Lachlan and of Colo High School in general, and for taking time out of their busy schedule to travel with Lachlan to Melbourne.



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# FACULTY IN FOCUS: MATHEMATICS *By Ms Bridge*

## *Stage 5 (Year 9 and 10) Mathematics Stem Pathway*

We have had very positive feedback students regarding the reorganisation of the Stage 5.1 Mathematics content into a “Stem” approach, assisting students visualise the practicalities of Mathematics in real world situations.

Students have found the project aspect of this course stimulating, enhancing engagement with course content and providing some with their first successes in Mathematics.

Significantly more Stage 5.1 students are feeling more confident to choose the New Standard Mathematics course for their senior study in 2020.

## *Stage 6 – 2020*

In preparation for the start of the Mathematics Standard, Advanced and Extension courses next year, we will be placing orders for the required texts on Friday 6th December. These texts normally retail for \$74.95, but we can purchase through a book supplier for \$62 each, which includes covering. The following texts will be available for order:

- Standard – Cambridge MATHS Stage 6 Mathematics Standard Year 11 – ISBN 9781108434638
- Advanced – Cambridge MATHS Mathematics Advanced Year 11– ISBN 9781108633666
- Extension 1 – Cambridge MATHS Mathematics Extension 1 Year 11 – ISBN 9781108469074

(Note: if you are an Extension student, you will only require the purchase of the Extension text as it includes the Advanced Mathematics content)

All Year 10 students who have chosen to continue with Mathematics in 2020 will be provided with a text book order letter/form, but you can also access this via the link provided below.

[TEXT BOOK LETTER/ORDER FORM.](#) 

## *Gratitude to the Welfare Hub*

The Mathematics Faculty is eternally grateful for the extensive assistance provided to our students requiring ongoing or sporadic academic support as well as those requiring special provisions for their assessments. Nothing is too much trouble for the wonderful caring staff that comprise this essential aspect of learning at Colo High School. The support and confidence you provide to our students is invaluable.





# FACULTY IN FOCUS: INDUSTRIAL ARTS *By Mr Hanns*

## *Metals and Engineering*

Our Stage 5 Metals and Engineering classes have been busy all year building their skills base and knowledge. Year 9 have so far completed making Toolboxes and hacksaws, currently they are making Sliding Clamps that stretch their skills to a large variety of machines and processes. Parallel and Taper Turning, Welding, Internal and External Threads, Bending, Mitres, Solid Riveting and force fits.



*Joe and Leroy having a "Riveting" time. Leroy taking the easy way.*



*Tess and Emily wondering where to start*



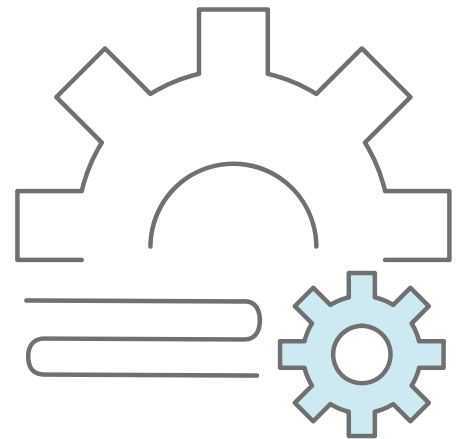
*Liam welding up his next "Masterpiece"*



*Emily is finally "turning" things around*



*Cody trying to "Cut to the Chase"*



Year 10 Metals and Engineering have had to use their brains and work in a more independent manner this year by creating their own projects. By expanding their skills with the tools and machines, they have also had to carry out Quantity Surveying, Designing, Costing and Planning.



*Albert is on his 2nd project. A new gate for home*



*Zackson putting the finish touches on his Garden Bench seat. Closely supervised by Michael*



*Jye (Mr Millimetre / Skater Boy), checking final measurements on his Adjustable Skate Rail.*



# FACULTY IN FOCUS: INDUSTRIAL ARTS *By Mr Hanns*

Stay tuned for Year 10 Timber Projects coming in the near future – here is a sneak peak of Tai's handiwork. One of many great projects being produced by the Industrial Technology Timber Students.



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## COMMUNITY NOTICE BOARD:

### CANTEEN VOLUNTEERS NEEDED

Colo High School is looking for  
parents and grandparents to  
volunteer to help at our canteen.

We can't continue without your  
time and support.

If you are interested in  
volunteering please contact the  
school



### THE AUSTRALIANA PIONEER VILLAGE'S 49TH BIRTHDAY

**Sunday 24 November**  
**10am to 4pm**

**ALL INVITED !!**

A great day of birthday fun is planned with:

- cake
- singing
- train rides
- shops and eateries
- hay rides and bikes to ride
- our amazing NSW Heritage Listed Buildings to explore
- "Dress Up and take your Photos" area
- games and demonstrations
- animals
- the Smelting Shed
- The Hawkesbury Woodcrafters

So come on down and wander our 28 acres.

BYO picnic - FREE BBQs available.

**Children under 5 are FREE**

**School Children \$3**

**Adults \$5**

**Family Pass is just \$15 ( 2 Children and 2 Adults )**  
**plus FREE parking inside The Village**

## USEFUL LINKS:

[Canteen Menu](#)

[Uniform Shop Price List](#)

[Parent Portal](#)

[School Enews](#)

[Facebook](#)

[Instagram](#)

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