

TIGS News

Your essential weekly guide

ISSUE 3 TERM III 2019



A lizard visiting the Junior School classroom

Your Upcoming Event Forecast



Friday 9
August

HSC Drama Evening
5.30pm to 7.00pm in
Begbie



Monday 12
August

HSC Practical Exam
Period Commences



12-14
August

Year 12 Camp



Wednesday
14 August

MYP Personal
Projects Exhibition
6.00pm to 7.30pm in
the IGC

GATEway8
Year 9 and Year 10



Thursday
15 August

GATEway 8
Year 5 and Year 6



Friday
16 August

GATEway 8
Year 7 and Year 8

Junior Disco
5.30pm - 7.00pm in
Rees Hall

Follow us on:



Let there be light! Solar light

FROM THE PRINCIPAL

THANK YOU to our P&F and School Community

In line with our sustainability goals, over the coming months, TIGS will invest in the installation of a substantial solar power generation project. The 99 kilowatt system will generate around 17% of our daily consumption and should be completed and connected to the School's infrastructure during the first weeks of Term IV.

This solar generation, together with our recently completed LED lighting upgrade throughout the campus, will reduce our reliance on fossil fuel power generation and have a direct reduction to the operational costs of the School.

It is estimated that the project will become cash positive within the first four years, after covering the initial cost and with the panels having a fully warranted lifespan of at least 25 years, this project will assist with electricity costs long into the future.

This project has been made possible by the hard work and dedication of all of our families who assisted with the 2018 and 2019 TIGS Great Fetes. It is particularly important that we acknowledge the work of the P&F in overseeing these events. Not only are they wonderful fundraising events, they are also spectacular opportunities for our TIGS community to connect, develop relationships and enjoy each other's company.



*Mrs Judi
Healy*

PRINCIPAL

Annual Parent and Student Survey

Data becomes powerful when we compare it over time. As a school, we need to keep checking our temperature with regular survey opportunities and this will continue to be a routine part of our annual activity. Each year, we survey Year 5, Year 8 and Year 12 students and parents in order to track data over time and also gain insight into specific areas of our school life and the implementation of the Strategic Plan.

We are responding to the insight gained in many ways, feedback around improving timely and accurate communication has been used to improve OLLE, the whole school calendar and our publications and information sessions. Feedback around student workload has resulted in a review of our assessment planning procedures and the processes for informing both our students and their parents in Year 7 to Year 12. Input around the value placed on various aspects of our programmes has been considered as we plan for staffing and provision in 2020.

I want to encourage our community members associated with these grades to take the time to participate in this important information gathering process. Your feedback is important and helpful as we seek to keep moving our school from good to great. The reality of course in all things is that this process of improvement and growth never ends and that as a school we need to keep striving for excellence so that we can prepare our young people to flourish in their future lives. I look forward to receiving the data from our 2019 surveys and analysing the growth that we have made over the last three years. Please be encouraged to take this opportunity to share your thoughts with us, your perspective is valued and helpful in our future planning and directions.

Making Real Change

FROM THE HEAD OF SENIOR SCHOOL

Year 11 Leadership

While Year 12 have been sitting their Trial examinations, Year 11 students have been standing in for them as leaders at the Senior School Assembly. This is an opportunity for Year 11 students to take on a leadership role and communicate with the School community, in preparation for them becoming our school leaders in Term IV. It has been great seeing many of them rise to the occasion.

The new Year 11 student leaders will be announced at the Senior School Assembly in Week 6 of this term.

Snow Camp

Last weekend, 52 students from Year 7 to Year 11 travelled to Thredbo for a weekend at the snow. This trip is always extraordinary as it has a fun and relaxed nature. A special mention to our Year 11 students who had a crucial role in looking after younger students and setting a positive culture for them. The 2019 trip was a great success and although they were exhausted and full of Thredbo doughnuts, it was smiles all round as they headed home late on Sunday night. Thanks to Mrs Lane, Mr Gardiner, Mr Southcombe, Mr Edgerton and Mrs Nealy, who accompanied the students on the weekend.

Year 10 Personal Projects

The Personal Project is an individual research task undertaken by each student in Year 10 and provides a unique opportunity for students to investigate an area of interest, within a global context in the Middle Year Programme (MYP).

The Personal Project has three main parts:

1. A focus topic and goal, leading to an exhibition of a product.
2. A process journal (kept regularly by each student to track their progress)
3. A final report, where students reflect on their learning. This will be marked internally using the criteria established when the task was initiated. Selected projects will be marked externally by the IB.

The Personal Project Exhibition is next Wednesday evening 14 August, from 6.00pm – 7.30pm in the IGC.

Australian Geography Competition 2019

Last semester, students from Year 9 and Year 10 tested their geographical skills and knowledge against students from around Australia in the 25th annual Australian Geography Competition. Over 73,500 students from 792 schools entered the competition. Geography is an important subject which develops a student's understanding of the spatial interrelationships between people and place and it helps students to appreciate the complex nature of social, economic and environmental interactions. The HSIE Department would like to congratulate our student geographers who performed to a very high standard in this competition, including 16 High Distinctions, 11 Distinctions and 17 Credits. This is an encouragement for all students to continue to engage in the subject to make real change in the world in which they live.

Students who received High Distinctions (i.e. 85% or higher) included:

Year 9

Lachlan Boardman
Nicholas Chiaverini
Annika Enbom
Liam Harvey
Nathaniel Makotsvana

Year 10

Aria Bacic-Johnston
Dean Borbilas
Annabel Hickling-Smith
Daniel Jiang
Isobel Kinnear
Jasper Leung
Zoe McGovern
Ryan Osadczuk
Katherine Pennington
George Tsaganas

Image below.



The Arts

HSC Drama

At Assembly two weeks ago, Alanieta Kennedy (Year 12) presented an explanation of "Welcome to Country" which was quite worthy of mention. She will be performing her finished theatrical version at the Year 12 Drama Evening this Friday 9 August, from 5.30pm.

The performance is important in the sense that it comes from a member of a prominent Dharawal family who are still in the area and who take seriously the role of being keepers of local culture and stories. TIGS is currently in the rare position of having three members of the family at the School, all of whom are potential leaders in the Indigenous and wider community.

Sports News

Equestrian

Year 9 student Kyah Dema competes in Equestrian at the highest level in showing. Kyah had another successful weekend at the NSW Junior Show Horse Championships and she is thrilled to have qualified for the 2020 Southern Cross Show Horse Spectacular. Congratulations Kyah.

U16's State Boys Futsal Championships

The U'16 Boys Futsal team competed at State level last Thursday. The futsal was of a very high standard and TIGS team of Omezikam Uchendu, Dean Borbilas, Joshua Franco, Ben Giason, Harrison Kiteley and Jett Norris were no exception. They charged through the group stage which included a hard-fought 1 - 0 win against Endeavour Sports High. The quarter-final score was close, 2 - 3, but they were knocked from the competition by a highly skilled and well-drilled team. Special mentions go to Harrison Kiteley who made some sensational saves, and Dean Borbilas who was dynamite all day, scoring a plethora of goals!



Mr Greg Lanyon

HEAD OF SENIOR SCHOOL

A promotional banner for 'The Works' Exhibition. The background is a dark, textured collage of various images and patterns. On the left, a person is seen from behind, looking at a large, intricate artwork. On the right, there is a black box containing white text and logos. The text includes '60 YEARS of Excellence', the TIGS logo, 'TIGS The Illawarra Grammar School', and the exhibition title 'THE WORKS' EXHIBITION'. Below the title, it says 'An inspiring display of TIGS Year 12 major projects and performances'. At the bottom right, the date and time are listed: 'Thursday 22 August 2019 6.30pm - 8.30pm' and the location 'The Illawarra Grammar School - IGC'. At the very bottom, there is a small line of text: ''Who Am I?' by Di Yang Henry Huang, Year 12 2019'.

60 YEARS of Excellence

TIGS
The Illawarra Grammar School

'THE WORKS' EXHIBITION

An inspiring display of TIGS Year 12 major projects and performances

Thursday 22 August 2019
6.30pm - 8.30pm
The Illawarra Grammar School - IGC

'Who Am I?' by Di Yang Henry Huang, Year 12 2019

Mathematics is about wonder, creativity and fun...

FROM THE HEAD OF JUNIOR SCHOOL

We want our children to love mathematics. We do this by making maths fun, meaningful and purposeful! This subject is often referred to by people as either a favourite or one that was a struggle. Opinions about mathematics are often formed based on the experience of the individual. I can personally relate to this, having been told during my schooling that my skills in English were far stronger than those in the subject of mathematics. This unfortunately had a long-lasting impact on my confidence with the subject and formed quite fixed feelings towards it. It was not until I faced my concerns, during my university years, where I was forced to shift my thinking in order to understand how to teach mathematics, to see the beauty, wonder and existence of the subject in all aspects of life, and to complete my thesis, which required high degrees of conceptual understanding and application.

Mathematics exists in all aspects of our life. As a child, there is generally an excitement about the subject, where children identify patterns in nature, where they arrange sets of objects into groups, build, compare, begin to count etc. Before the commencement of formal schooling, children often talk about mathematics with curiosity and wonder, and soon after they commence school, their opinion changes and they often begin to identify whether they are or are not a 'maths person'. Dr Jo Boaler, Professor of Mathematics Education at Stanford University, suggests that the reason for this is because the teaching and learning of mathematics in many schools is about procedures, memorisation and deciding which children can and which cannot. She further explains that maths has become a performance, where many students will tell you it's about answering the questions correctly. Given the performance and test-driven culture of our schools, we need to creatively, intentionally, and cleverly ensure that our children see the beauty of this subject by providing opportunities for them to experience success, opportunities to wonder and to make connections between maths and the world around them.

Dr Jo Boaler provides really useful guidelines for parents that includes excellent recommendations to transform mathematics for their children:

1. Encourage children to play maths puzzles and games. Puzzles and games – anything with a dice really – will help kids enjoy maths, and develop number sense, which is critically important.
2. Always be encouraging and never tell kids they are wrong when they are working on maths problems. Instead, find the logic in their thinking – there is always some logic to what they say. For example, if your child multiplies three by four and gets seven, say – Oh I see what you are thinking, you are using what you know about addition to add three and four when we multiply we have four groups of three...
3. Never associate maths with speed. It is not important to work quickly, and we now know that forcing kids to work quickly on maths is the best way to start maths anxiety for children, especially girls. Don't use flashcards or other speed drills. Instead use visual activities such as [these](#).
4. Never share with your children the idea that you were bad at maths at school or you dislike it – especially if you are a mother. Researchers found that as soon as mothers shared that idea with their daughters, their daughter's achievement went down.
5. Encourage number sense. What separates high and low achievers is number sense – having an idea of the size of numbers and being able to separate and combine numbers flexibly. For example, when working out $29 + 56$, if you take one from the 56 and make it $30 + 55$, it is much easier to work out. The flexibility to work with numbers in this way is what is called number sense and it is very important.

6. Perhaps most important of all – encourage a "growth mindset". Let students know that they have unlimited maths potential and that being good at maths is all about working hard. When children have a growth mindset, they do well with challenges and do better in school overall. When children have a fixed mindset and they encounter difficult work, they often conclude that they are not "a math person". One way in which parents encourage a fixed mindset is by telling their children they are "smart" when they do something well. That seems like a nice thing to do, but it sets children up for difficulties later, as when kids fail at something, they will inevitably conclude that they aren't smart after all. Instead use growth praise such as "it is great that you have learned that", "I really like your thinking about that". When they tell you something is hard for them, or they have made a mistake, tell them: "That's wonderful, your brain is growing!"

www.youcubed.org



Junior School Sport

NSW PSSA State Cross Country

Congratulations to Cate Giason who finished a creditable 19th at the State All Schools Cross Country Championships at Eastern Creek.

2019 Junior School Athletics Carnival

Great participation, House spirit and performances were on display at our Athletics Carnival held at the Kerryn McCann Athletics Centre. The House competition was close with the 100m finals and relay points convincingly defining the winning House.

Congratulations to **Kogara** House for taking out the 2019 Athletics title!

Congratulations also to Chelsy Wayne on setting two new school field records – 12 years Shot Put (8.87m) and Discus (31.63m).

Age Champions

8 and 9 Years

1st Place	Amelia Murray
1st Place	Kobi Woods
2nd Place	Lucia Ding
2nd Place	Oliver Percival

10 Years

1st Place	Evelyn Sanzone
1st Place	Jaime Vickery
2nd Place	Tyra Grace
2nd Place	Alexander MacKay

11 Years

1st Place	Amina Nemr
1st Place	Thomas Partland
2nd Place	Cate Giason
2nd Place	Max Clark, Lachlan Taylor

12 Years

1st Place	Chelsy Wayne
1st Place	Harley Adams
2nd Place	Scarlett Ford
2nd Place	Saxon Parish

NASSA Athletics

The following students will represent TIGS at the NASSA Carnival held at Campbelltown Athletics Centre on Thursday 15 August:

Emily Clark
Eleanor Kent
Eva Grimm
Jesse Woods
James Rutty
Victor Tang
Lucia Ding
Amelia Murray
Lara Vujic
Thomas Binks
Tyler Hallal
Oliver Percival
Evelyn Sanzone
Tyra Grace
Arwen Bowman
Elizabeth Kent
Jamie Vickery
Michael Mitchell
Alexander MacKay
Nate Gilmore
Amina Nemr
Cate Giason
Nicole Choi
Charlotte Wall
Thomas Partland
Lachlan Taylor
Ashton Grace
Rhys Chieng
Chelsy Wayne
Scarlett Ford
Mischa Goedde
Nelle-May Makowski
Samuel Lowe
Harley Adams
Kayden Merritt
Ryan Molnar
Naomi Fock
Luke Hughes
Ben Harman
Ashton Treggoning
Annabelle Sheargold
Poppi Tsaganas
Charlotte l'Ons
Alexandra Da Deppo
Isabella Perri
Seth Gilmore
Tom l'Ons
Isabella Carswell
Tahlie Oxman
Harrison Deck
Alexandra Birch
Max Clark
Brody Gardiner
Leonardo Attore



Calmsley Hill Farm

How exciting was it to host Australian animals in our classrooms on Monday! We were able to get up close and personal with a very cute Ring Tailed Possum, two lethargic - but with marked differences in their adaptations - blue tongue lizards and then, a two-metre diamond python which felt remarkably like a handbag! Until it pooped on 5M's new carpet! The purpose of the visit was to allow us to see their structural features, to learn more about their behaviour and to better understand how their adaptations work together to allow them the best chance to survive in their environments. Sadly, dingoes are common predators, closely followed by the behaviour of humans.



Ms Geneva Clayton

HEAD OF JUNIOR SCHOOL

More News on OLLE

[Parents' Lounge](#)

[Junior School Awards](#)

Student Voice

"Everyone must visit Calmsley Hill Farm. It is the best way to spend your day.

Firstly you must come to Calmsley Hill Farm because you get to know how to crack a whip. Jesse had a try at cracking a whip then there was a loud bang! It was very interesting to watch the whip show.

Secondly, you get to milk a cow. To milk a cow you need to wash your hands and then squeeze the udder. Put a bucket under to catch the milk. It was a very cool activity to do.

Finally, there is a sheep show. In the sheep show we got to watch a farmer shave a sheep. The record is 37.7 seconds.

I had a very good time at Calmsley Hill Farm. It was an interesting place to go."

Bailey Kiang - 2S

"Calmsley Hill is an incredible place to see some of the cutest, best and interesting animals. You absolutely will love it, and only fools won't go.

They give excellent shows my favourite was the cattle dogs Juke, Bow, Diesel and Trigger. They work together to round up sheep. Juke is one year old, Diesel and Trigger are both three and Bow they say is the "best working farm dog".

We milked a cow you should give it a try its fun and disgusting. The cow will eat while you touch its udder. However, you have to put your hands in some water before you milk the cow.

I saw a whipping show. Their guy knows lots of tricks like the double eight, hospital and the double fast eight. You should have a go (with the guys help). It's fun, give it a try. Don't be scared.

Have a fun day out, go to Calmsley Hill. See the shows, animals and a tractor ride for three dollars. You will definitely love it."

Xavier Knight - 2R

 **TIGS**
The Illawarra Grammar School

Junior Disco

Preparatory to Year 4
5.30pm to 7.00pm Friday 16 August 2019

Location: Illawarra Grammar Centre - IGC

Cost: 1 Ticket - \$12.50
2 Tickets* - \$20.00
3 Tickets* - \$25.00

RSVP: Monday 6 August
Click [HERE](#) or visit www.tigs.nsw.edu.au/events

Theme: Under the Sea

This event includes a sausage sandwich and drink. Glowsticks and snacks available for purchase on the night. All students must be supervised by a parent.

* Tickets must be for children within the same family

An International Baccalaureate World School
Academic • Christian • Caring

A Benchmark for Quality

FROM THE DIRECTOR OF TIGS PREP

This week, TIGS Prep had their Assessment and Rating visit as part of the National Quality Standards review (NQS). The Assessor observed our practice, reviewed documentation and interviewed the Director, Educational Leader and Educators.

The National Quality Standard (NQS) sets a benchmark for the quality of all education and care services across Australia. The NQS is made up of seven quality areas, in which services are assessed and rated by their regulatory authority to determine the level of quality. This assessment is conducted through the submission of a Quality Improvement Plan (QIP) and a service visit from an assessor. The QIP was developed in consultation with management, staff, educators and families. Our QIP is a living document and is constantly reflected on and used to drive quality practices within the Service.

All of the Educators at TIGS Prep review the service's practices against the National Quality Standards. Quality areas are delegated to educators and staff based on their interest areas or skills. Each staff member has at least one goal to focus on and to have ownership of the QIP.

Services are assessed and rated against the National Quality Standard to:

- Promote continuous improvement in the provision of quality education and care
- Improve knowledge and access to information about the quality of services to help families make informed decisions about their child's education and care

The National Quality Standard aims to promote:

- the safety, health and wellbeing of children.
- a focus on achieving outcomes for children through high-quality educational programs.
- families' understanding of what distinguishes a quality service.

TIGS Prep was last rated in August 2014. The service achieved a rating of 'exceeding' the National standard in Education and Care provision. In February of this year, the requirements to obtain a standard of 'exceeding', became much more stringent, with an increased focus on embedding practice and reflection on continuous improvement.

The National Quality Framework assesses and rates all Education and Care Services against the National Regulations and each of the seven National Quality Standards. The assessment is undertaken by the Early Childhood Education and Care Directorate in NSW. Once complete each service is then given an overall rating.

The Educators ensure our programs, practice and documentation are exceptional and reflect the children and families in our community. TIGS Prep is constantly improving and refining what we do and raising the bar of early childhood education and care.

We look forward to receiving the final report and rating.



Mrs Taesha Duley-Smith
DIRECTOR OF TIGS PREP



UOW Learning Labs - October

LITTLE LEARNING LABS

(FOR YEARS 1 & 2 DURING 2019)

WHEN: 30 September and 1 October, 2019

WHERE: University of Wollongong

TIME: 9:00am - 2:00pm

FEE: \$160

LITTLE MINI-LABS

(FOR YEARS 1 & 2 DURING 2019)

WHEN: 2 October, 2019

TIME: 9:00am - 3:00pm

FEE: \$85

Location and times are the same as above

EARLY LEARNING LABS

(FOR YEARS 3 TO 6 DURING 2019)

WHEN: 3 and 4 October, 2019

WHERE: University of Wollongong

TIME: 9:00am - 3:30pm

FEE: \$170

EARLY MINI-LABS

(FOR YEARS 3 TO 6 DURING 2019)

WHEN: 2 October, 2019

FEE: \$90

Location and times are the same as above



PROGRAM INFORMATION

Little and Early Learning Labs is an enrichment program designed for students who are excelling in their area of interest within their year group, and are seeking a challenging and fun experience during the school holidays.

All workshops are held over one (mini-labs) or two days, and are presented by teachers with specialist training or a specific interest in gifted education. There will be sponsorship places available for some participants- please see more details on how to apply for these places on the website.

WORKSHOPS ON OFFER- FULL LIST & WORKSHOP DESCRIPTIONS ONLINE

Learning Labs workshops cover a range of diverse and innovative disciplines that are designed to challenge and stimulate the interest of self-motivated and curious learners. Here are **some examples of what's coming up** in October:



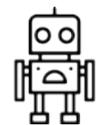
What Happens When

In this workshop we'll do the science experiments you wouldn't get to do in the classroom. Things will fizz, pop, smoke and explode in our quest to find what happens when...



Clay Cafe

Come join us at Clay Cafe where you get to develop your clay sculpting skills whilst creating any food (made completely out of air-dry clay!) your tastebuds desire. Warning: You may leave this workshop with an increased appetite!



The Droid Building School

This is your opportunity to learn to communicate with robots and teach them to develop tasks, learn to assemble, program and use sensors. Nobody knows but maybe you are the next Tony Stark or a Jedi droid builder.



EV3 Robotics

Bring the fascinating world of robotics alive with Lego Mindstorms EV2. We'll go through the process of assembling sturdy robots that you can modify or customise and then work with your partner to problem solve your way through a number of challenges before we prepare our robots for the grand finale – a Sumo battle!

A full list of the available workshops to choose from will be posted on the website in July 2019 when applications open. Please note that the program books up quite quickly, so ensure you submit your application as early as possible.

APPLICATION & CONTACT DETAILS

For more detailed workshop descriptions, how to apply, FAQ's, and the online application form, please go to: uow.info/learninglabs

For all other enquiries, please contact the Learning Labs team via:

E: learning-labs@uow.edu.au

P: (02) 4221 5557

Facebook: www.facebook.com/UOWOandP

APPLICATIONS CLOSE WEDNESDAY, 21 AUGUST 2019