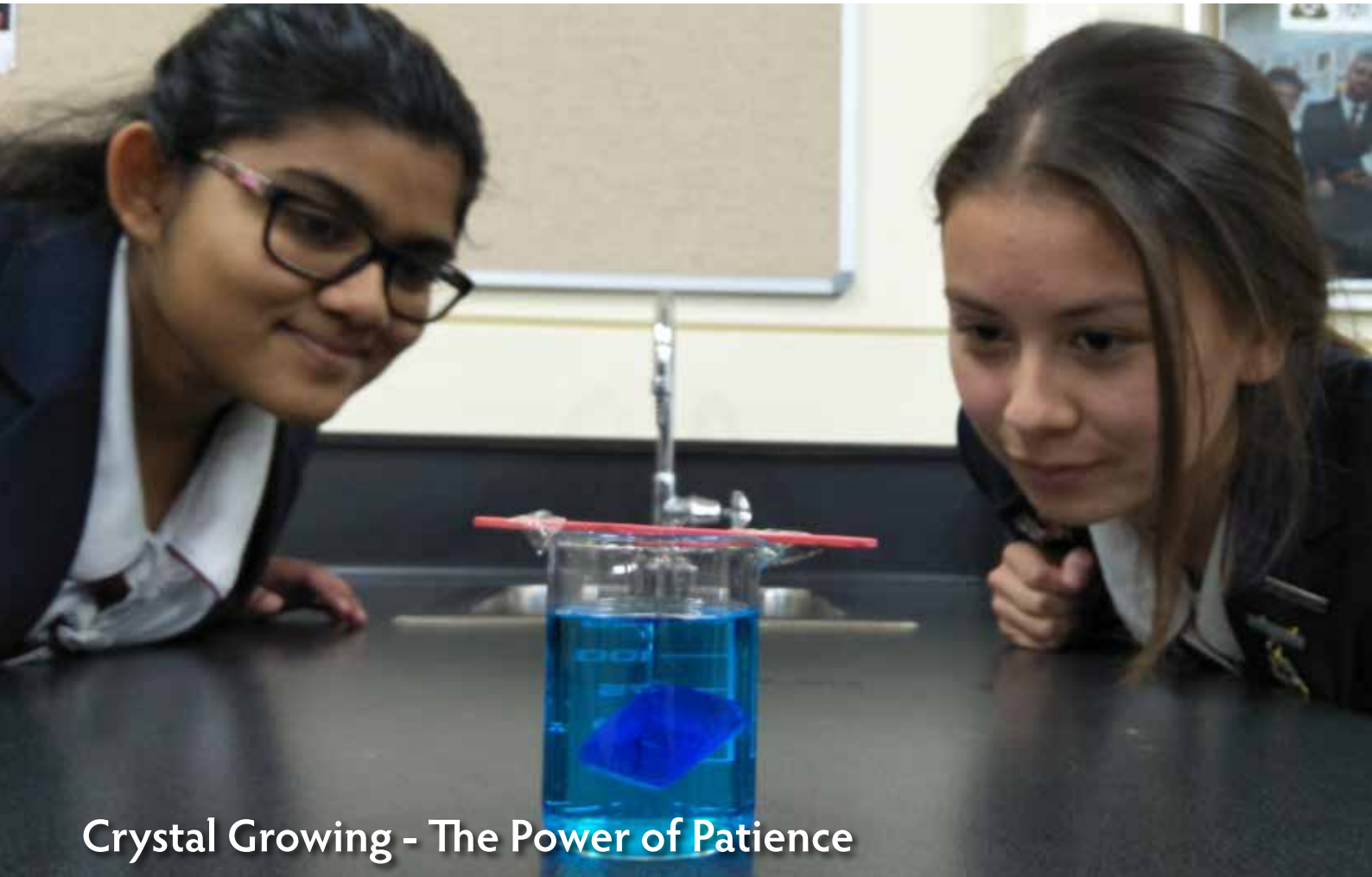


TIGS News

Your essential weekly guide

ISSUE 5 TERM III 2018



Crystal Growing - The Power of Patience

Your upcoming event forecast



Monday 3
September

Arrowsmith
Program:
Overcoming
Learning Difficulties
1.30pm in the
Goodhew Research
Centre (Library)



Thursday 6
September

Junior Disco
Prep to Year 4
5.30pm – 7.00pm
in Rees Hall



Friday 7
September

Junior School
Lunchtime Concert
Lunchtime in Rees
Hall



Thursday 13
September

Year 7 Medieval
Day
On the Library
Lawn and IGC



Friday 14
September

TIGS Foundation:
Leveraging
LinkedIn
5.30pm – 7.00pm
in the Goodhew
Research Centre
(Library)

Year 11 HSC and DP
Exams commence

Follow us on:



The Power of Patience

FROM THE HEAD OF SENIOR SCHOOL

Science Success

Our Science students have had another successful year in the NSW Royal Australian Chemistry Institute's Crystal Growing Competition. Crystal growing involves suspending a small 'seed crystal' in a beaker of concentrated solution. As the water evaporates from the beaker, the chemical in the solution is left behind, layer-upon-layer, slowly adding to the size of the original 'seed'.

To grow the perfect crystal you must:

- Keep dust out so that impurities are not incorporated into the crystal structure.
- Ensure the temperature and humidity of the room is kept relatively constant.
- Attend to the crystal every day to ensure the delicate crystal remains suspended in the solution.
- Most of all, it requires patience on the part of the grower!

This year, Risini Gamage (Year 12) received first place for the 'Best Alum Crystal', while a team from Year 11 (Claire Nguyen, Min Seo Kang, Nhi Thu Trinh, Francesca Lambert and Seh Meh) took out second place. In the Year 7 to Year 12 Open Division, Ellen Manson took first place, while Claire Nguyen, Minseo Kang, Francesca Lambert, and Seh Meh claimed a respectable third. Crystals grown by Lucy Koder, Jayson Cooper and Aaron Avenido (Year 9) were all awarded highly commended. We look forward to the results when their crystals are judged in the national competition later in the year. Well done to all the students who competed.

During Science Week in Week 4, our students also competed in the Education Perfect World Championships. The competition sees students from around the world, answering as many science questions as they can in seven days.

In the small schools' category, TIGS placed fourth in the world, third in Australia and second in NSW. Overall, TIGS placed 32nd globally, which is a wonderful effort considering some of the Top 30 placed schools had over 2000 students competing. Year 8 students, Enuri Gamage, Amogh Rao and Nathaniel Makotsvana did exceptionally well, answering 43,000 questions among them. A total of 22 awards were won by our students.

Public Speaking

In public speaking, we would like to congratulate Xavier Do and Chloe van Ommen on their outstanding speeches on the topic of 'Guaranteed Joy', presented at the South Coast Public Speaking competition last week. Xavier placed first in the Year 9 group and Chloe was second.

Year 11 HSC and DP Exams

Year 11 HSC and DP final examinations will commence Monday 3 September. The exams will run for two weeks finishing on Friday 14 September. We wish these students all the best for their preparation. There will be information for students and parents about these examinations on the Year 11 [OLLE page](#).



Mr Greg Lanyon
HEAD OF SENIOR SCHOOL

SPORTS NEWS

NSW State Interschool's Snowsports Championships

TIGS had nine students progress to the NSW Snowsport Championships after the Regional Championships in June: Ashley Armstrong, Tom Armstrong, Fergus Dutch, Hamish Dutch, Matthew Fargher, Ethan Jackson, Travis Lindsay, Michael Murray, Ashton Tregonning and Spiros Tsaganas.

Congratulations to the following individual students who achieved outstanding results:

Hamish Dutch: 1st in Snowboard

Travis Lindsay: 9th in Division 4 Snowboard and 16th in Division 4 Boarder Cross

Ashley Armstrong: 11th Division 3 Alpine

Ethan Jackson: 6th Division 1 Alpine and 8th in Skier Cross

Division 4 Snowboard Team: Hamish Dutch, Michael Murray and Fergus Dutch 2nd place in Snowboard

Division 4 Snowboard Team: Hamish Dutch, Michael Murray and Fergus Dutch 4th place in Boarder Cross

Division 4 Ski Team: Tom Armstrong, Michael Murray and Ashton Tregonning 7th in Skier Cross

Division 4 Ski Team: Michael Murray, Tom Armstrong, Ashton Tregonning, and Spiros Tsaganas 11th in Alpine

2018 Australian Cross Country Championships

We had two students progress to the National Cross Country Champions through School Sport Australia on the Sunshine Coast. Congratulations to James Healey who placed 42nd in the 14/15 Years and James Seal who placed 28th in 18/19 Years.

A Tournament of Minds

FROM THE HEAD OF JUNIOR SCHOOL

Congratulations to the Junior School Tournament of Minds (ToM) teams that competed last Sunday at the Regional Tournament. ToM offers teams of students the opportunity to solve authentic, open-ended challenges that foster creative, divergent thinking whilst developing collaborative enterprise, excellence and teamwork. Challenges are set in the following disciplines: The Arts, Language Literature, Social Sciences and STEM (Science, Technology, Engineering and Mathematics).

ToM offers real-world benefits as it looks beyond academic achievement and understands that the pursuit of excellence has no boundaries. It equips students with 21st-century skills and strategies. Teams are required to work together on a 'Long-Term Challenge' for six weeks without assistance from teachers, parents or peers. They are encouraged to explore possibilities and experiment with ideas as they endeavour to produce their best possible solution.

Students present the product of their ideas, their 'Challenge Solution' to a panel of judges and an audience on Tournament Day. The teams must also participate in a 'Spontaneous Challenge' on Tournament Day. This challenge requires the rapid exchange of ideas, creative thinking and team cooperation. Judges for both the 'Long Term' and 'Spontaneous Challenges' are professionals chosen from all areas of education, the arts and industry.

The Junior School had six teams competing on Sunday in the Regional Tournament, one team in Language Literature, two teams in Social Sciences, two teams in STEM and one team in The Arts. I'm happy to report that the Social Science team consisting of Ava Santos, Spiros Tsaganas, Naaka Hutchinson, Chloe van Ommen, Tania Kalsi and Daniel Peden received

first place and will now compete at the State Finals in Sydney. We wish them the best of luck. Two other teams, a Social Science and a STEM team both received Honours. Follow this [link](#) to see how our teams performed on Tournament Day.

More News on OLLE

[Junior School Awards](#)



[Parents' Lounge](#)



Upcoming Events:

Monday 3 September - Friday 7 September

- [Child Protection Week](#)
- HICES Gifted & Talented Camp

Monday 3 September

- [Arrowsmith Program: Overcoming Learning Difficulties](#)

Thursday 6 September

- [Junior School Disco](#), Prep – Year 4, 5.30pm – 7.00pm, Rees Hall

Friday 7 September

- Lunchtime Concert, Rees Hall
- Shoelace Tying Workshop for Kindergarten to Year 2 students



Mrs Narelle McRae
HEAD OF JUNIOR SCHOOL

TIGS
The Illawarra Grammar School

Junior Disco
Preparatory to Year 4
5.30pm to 7.00pm Thursday 6 September

LOCATION: The Illawarra Grammar School - Rees Hall

COST: 1 Ticket - \$12.50
2 Tickets - \$20.00
3 Tickets - \$30.00

THEME: SPACE

RSVP: Monday 3 September
Click [HERE](#) or visit www.tigs.nsw.edu.au/events

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

An International Recognition Award School
Academic • Christian • Caring

Second Hand Uniform Shop

Due to volunteer availability, the Second Hand Uniform Shop opening hours for Thursday afternoons have been changed to 2.00pm to 3.15pm.

The Thursday morning opening hours remain unchanged at 9.00am to 11.00am.

Whilst we are grateful for the many donations we receive, some of it cannot be sold.

Please screen items for stains, rips and discolouration before collating donations. Unsuitable items do not sell and are discarded.

If you're able to volunteer in the shop or have any feedback, please send an email to pdf@tigs.com.au

Leaning Towers of TIGS Prep

FROM THE DIRECTOR OF TIGS PREP

During the Term, the children in Marana have worked together in groups to construct the tallest tower they could before it became unbalanced and fell. The students discussed height and balance as they explored different ways to form and build a tower. The class discovered that they could build towers using loose parts or natural materials such as pebbles and wood chips. Some children used Duplo blocks while others used collage materials. As a class, they researched different types of towers made from stones. The students then deliberated on the differences between their unbalanced towers and the long-standing stone towers.

After viewing the ['Gravity Glue'](#) stone stacking creations of Michael Grab, the children were inspired to create their own sculptures. As they viewed these meticulously created artworks the children began to understand the skills required to create such intricate stone towers. These rocks are balanced using gravity without the use of wires, adhesives or other means of support to create sculptures.

Once the students began to understand what was required to create these towers, they started creating their own versions. Some students used rocks to create their towers, some used collage materials while others chose to draw them. The students learnt to construct in three dimensions and about the factors they will need to consider in their designs. The students have also learnt patience, teamwork, communication, critical thinking, perseverance and hand-eye coordination.



Mrs Taesha Duley-Smith
DIRECTOR OF TIGS PREP

OVERCOMING

Learning Difficulties



The Illawarra Grammar School offers a specialist program to help students with learning difficulties achieve their potential.

The Arrowsmith Program is designed around the principles of neuroplasticity, the ability of the brain to change in response to training and experience.

Weaker cognitive areas that contribute to learning difficulties can be strengthened through cognitive exercises, allowing students to learn more effectively and independently.

Executive Director of the Arrowsmith Program, Debbie Gilmore will be visiting TIGS to share her personal experience and current research into neuroplasticity.

Join us for an afternoon with Debbie Gilmore and discover how the Arrowsmith Program can see your child achieve their potential.

JOIN US

1.30pm Monday 3 September



GUEST
PRESENTER

**Debbie
Gilmore**

Executive Director of the
Arrowsmith Program

Location: The Illawarra Grammar School
Enter via Powell Street

Cost: Free



RSVP online by Friday 31 August
tigs.nsw.edu.au/events

TIGS Foundation presents

Leveraging LinkedIn

**Friday
14 September**

5.30pm to 7.00pm

Location: The Illawarra Grammar School
Enter via Powell Street

Cost: Free

Enhance your professional profile and grow your business at this special networking event with LinkedIn specialist and author Sue Ellson. The presentation is aimed at professionals, business owners, university students and anyone looking to build their network or advance their career.

- Career opportunities
- Business growth
- Employment and recruiting
- Social Media marketing

Places are limited.



SPECIAL GUEST PRESENTER
Sue Ellson

Independent LinkedIn Specialist

RSVP online by Monday 10 September

tigs.nsw.edu.au/events