



THE THISTLE

KNOX GRAMMAR SCHOOL MAGAZINE



THE THISTLE

THE HEADMASTER'S 2018 REVIEW

Knox Grammar School is a Uniting Church day and boarding school located in Wahroonga, Sydney, Australia. We have three campuses: Knox Prep (K to 6), Wahroonga Prep (Pre K to 6) and Knox Senior School (7 to 12). Knox opened in 1924 and offers an outstanding range of educational and developmental opportunities.

ON THE FRONT COVER

Knox in Concert celebrates co-curricular performing arts in a showcase evening held in the Great Hall on Saturday 1 December 2018. Matthew Taylor (Y9) is pictured on baritone saxophone.

KNOX SOCIAL MEDIA

Facebook: [facebook.com/knoxgrammar](https://www.facebook.com/knoxgrammar)
Twitter: twitter.com/knoxgrammar
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Vimeo: vimeo.com/knoxgrammarschool

ACKNOWLEDGEMENTS

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THE KNOX JOURNEY



Extracts from the Headmaster's Address at Presentation Day on Thursday 6 December 2018

It is an honour and a privilege to address you at my first Years 7-11 Speech Day as Headmaster of what, in my opinion, is one of the great schools of this country.

Knox Grammar is a great school because our community is made so strong by the pride and passion we feel for Knox. We acknowledge and stay true to our core values for they are critical and give purpose and meaning to our community, affirming who we are and what we stand for.

Today is one of those great occasions when we get to celebrate our young men - their achievements, their perseverance and their successes. It's one of the times you can take a break and reflect, feeling good as a parent, teacher, and mentor, knowing that the young people we care about are doing just fine and they're on the right path.

This year we added 'Courage' as the School's fifth core value.

Robert Frost's poem, 'The Road Not Taken', is an ambiguous poem that allows the reader to think about choices in life, whether to go with the mainstream or go it alone. If life is a journey, this poem highlights those times in life when a decision has to be made.

"I am extremely proud of the School and I am passionate about Knox being the best. I am passionate and determined that every student achieves, that every student is happy and enjoys his time here. We are not complacent, we constantly review and reflect what we are doing, and are always seeking to further improve our practice and our achievements."

The key message for me is the last two lines:

*I took the one less travelled by,
And that has made all the difference.*

It takes courage to decide not to take the easy way, but consider the road less travelled in life.

Boys, our School motto, 'Virile Agitur', (the manly thing is being done), requires you to be courageous. It takes real courage to be a person of integrity. It takes courage to show compassion. It takes courage to live out your faith. It takes courage to make good and wise choices.

CONTINUED ON PAGE 04 >



Many times boys are asked to show courage for their actions. It may be during a sporting fixture when months of hard work lead to that one culminating race or game, when they do not know if they will win or lose, but still have the courage to face that unknown and give their best for a desired result.

For those boys who experience the many immersion and social justice initiatives that hold pride of place at our School, they need courage to face unknowns, immersing themselves into a world or community they have never experienced, facing challenges that go well beyond the daily challenges faced here at Knox.

Our boys learn so much through their involvement in various activities. Through sports, they learn how to power on through adversity and give it their best. They learn the importance of discipline and good sportsmanship. Through other activities, like participating in clubs, musicals, plays and service projects, they learn how to work closely with others to achieve a common goal, and most of them had a lot of enjoyment doing it.

Courage in our boys is developed and strengthened by the breadth of opportunities available at Knox.

✧.....✧

“Boys, our School motto, ‘Virile Agitur’, requires you to be courageous. It takes real courage to be a person of integrity. It takes courage to show compassion. It takes courage to live out your faith. It takes courage to make good and wise choices.”

✧.....✧



I would like to thank all Council members for their dedication and courage, and for their foresight and wisdom to provide the resources and means to extend learning well beyond the classroom. With your support the School has the means to realise our mission and vision... to be an exemplary Uniting Church school.

Whilst Speech Day is a community celebration, today also signifies the end of a truly remarkable legacy for Knox. The conclusion of Speech Day marks the end of official duties for our Chairman, Mr Peter Roach. Peter and Robyn, you have been a wonderful team to work with, and to be able to

share time with you at numerous Knox functions has been a delight; you have both left an indelible mark at the School. Now it's time to relax and enjoy. Your positive impact on Knox is immeasurable, and we all want to say goodbye and thank you.

I believe one of the most important gifts Knox can offer young boys is a positive view of themselves. Without this gift they will flounder throughout life and be constantly seeking reassurance from others, as they cannot see it from within.

The world is rapidly changing. Our young people will need to be courageous and equipped for these

experiences and having a positive view of themselves will be paramount to them succeeding in this rapidly changing world.

A school is not about bricks and mortar, it is about the people in it, and here at Knox we have the best people who have the boys at the heart of everything they do.

Scott James, Headmaster

2018 HIGHER SCHOOL CERTIFICATE

Congratulations to our Year 12 students on their outstanding results in the 2018 HSC.

This cohort has demonstrated persistence and adopted the principles of a growth mindset and it has paid positive dividends in their final results. Our most recent graduates made a wonderful contribution to the School and we remember their initiatives as much as their commitment to studies.

As measured by the *Sydney Morning Herald's* Top 100 Schools Report, this year Knox Grammar School is ranked at number 23 on the list. The boys of 2018 have achieved 659 Band 6 (90+) results.

As a non-selective boys' school, we are extremely pleased with the ATAR ranks. A Knox education, however, is much more than examination results. We aim to develop young men with a sure knowledge of who they are and how they should live. Even as we recognise and celebrate their success, we know that the value of these young men is neither described nor determined by their marks, and we celebrate in seeing them enter a rich and rapidly changing world, to enjoy it fully and in due course leave their mark upon it.

As a school community, we are extremely proud of each boy's achievement. In 2018 the middle boy at Knox achieved an ATAR of approximately 89. This year, 27 boys achieved an ATAR of 99 or above, and more than 160 boys attained an ATAR of 90 or above.

Thirteen boys were placed on the NSW Education Standards Authority's Top Achievers List for placing in the top 20 in NSW in a course. Congratulations to:

- Cory Aitchison – 6th in Economics, 12th in Chemistry
- James Taylor – 5th in Business Studies
- Noah Derwent – 2nd in Business Studies
- Michael Gee – 3rd in Software Design and Development
- Andrew Gu – 10th in Economics
- Mathew Hildebrand – 17th in Business Studies
- Harrison Penn – 10th in Business Studies
- Leon MacAlister – 9th in Economics
- Keshav Manaktala – 10th in Legal Studies
- Thomas Pancino – 20th in Mathematics General
- Dylan Pathirana – 2nd in Engineering Studies, 4th in Industrial Technology



01



02

- Mitchell Symons – 16th in Mathematics General
- Raymond Tian – 16th in Business Studies

Cory Aitchison, Byoung (Chan) Lee and Andrew Uen achieved the top ATAR of 99.95.

Thirty-seven boys were placed on the All Rounders Honour List for achieving 90 or higher in their best ten units. Congratulations to:

- | | |
|----------------------|---------------------|
| • Nicholas Adams | • Thomas Lee |
| • William Adams | • Thomas Leigh |
| • Cory Aitchison | • Leon MacAlister |
| • James Austen | • Oliver MacGregor |
| • Benjamin Biggs | • Keshav Manaktala |
| • James Burns | • Harrison Mendes |
| • Calvin Cai | • Alastair Nicholls |
| • Ryan Chan | • Seung Pan |
| • Benjamin Dempsey | • Henry Partridge |
| • Noah Derwent | • Toby Powell |
| • Nicholas Dijohn | • Damon Reynolds |
| • Gavin Gao | • James Taylor |
| • Michael Gee | • Raymond Tian |
| • Andrew Gu | • Andrew Uen |
| • Finn Hellen-Ford | • Alexander Wu |
| • Luke Henning-Smith | • Harold Xue |
| • Henry Kinsey | • Thomas You Lee |
| • Andrew Lee | • Maxwell Zagorski |
| • Byoung (Chan) Lee | |



03



04



05

01 Congratulations to our 2018 Knox All Rounders

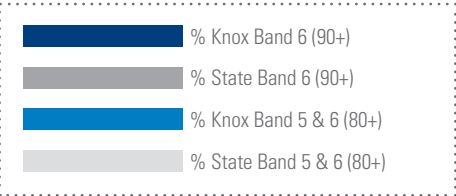
02 Knox Top Achievers with Mr Nunan (Director of Studies Senior Academy) and Mr James (Headmaster)

03 Top ATAR of 99.95, Cory Aitchinson

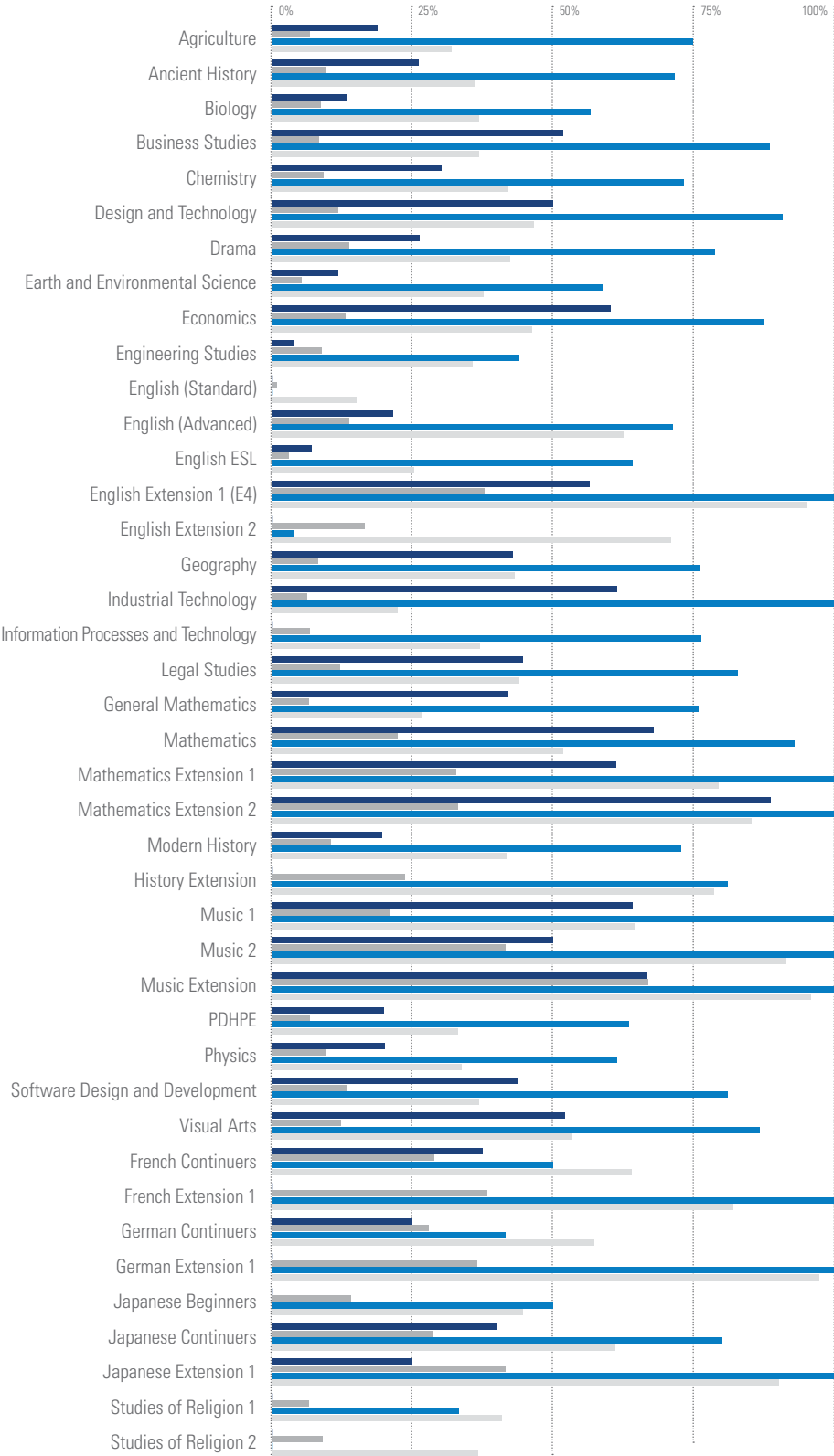
04 Top ATAR of 99.95, Byoung (Chan) Lee

05 Top ATAR of 99.95, Andrew Uen

KNOX BY THE NUMBERS



PERCENTAGE OF KNOX BAND 6 (90+) AND KNOX BAND 5 AND 6 (80+) RESULTS COMPARED TO THE STATE PERCENTAGE



SCHOLARSHIPS*

Cory Aitchison

University of Sydney Chancellor's Scholar Award
University of Sydney Dalyell Scholar Award
— Bachelor of Science/Bachelor of
Advance Studies

James Austen

Dean's Entry Scholarship — University of Sydney

Jack Brasher

UTS Co-op Scholarship — Bachelor of Accounting

James Burns

UTS Co-op Scholarship — Bachelor of Accounting

Noah Derwent

UTS Co-op Scholarship — Bachelor of Accounting

Gil Garrett

UTS Co-op Scholarship — Bachelor of Accounting

Zac Hartmann

UTS Co-op Scholarship — Bachelor of
Information Technology

Jack Hennessy

UTS Co-op Scholarship — Bachelor of
Information Technology

Mathew Hildebrand

Macquarie University Co-up Scholarship
— Bachelor of Accounting

Byoung (Chan) Lee

University of Sydney Scholars Award

Thomas Leigh

Gordon Rugby Scholarship — UTS

Oliver Malnic

UNSW Minerals Industry Scholarship
— Bachelor of Mining Engineering (Honours)

Harrison Mendes

Accounting Cadetship — Accru Felters

Harry Partridge

UNSW Co-op Scholarship — Bachelor of
Data Science

Andrew Uen

UNSW Co-up Scholarship — Bachelor of
Actuarial Studies

OTHER AWARDS*

Benjamin Buchanan

Australian Defence Force Academy
Education Award

* Known at the time of going to print

HSC SHOWCASES AND EXHIBITIONS



ARTEXPRESS (VISUAL ARTS)

SELECTED:

- Henry Partridge, 'Intertwine' (Wagga Wagga Art Gallery)
- Sattapattana (Euro) Ruangvanish, 'Floral Intricacies' (Blue Mountains Cultural Centre, Tamworth Regional Gallery)
- Maxwell Zagorski, 'Absence' (The Armory, Sydney Olympic Park)

NOMINATED:

- Eric Bang, 'MIRROR MIRROR'
- Jordan de Vries, 'Uprise'
- Oscar Ley Native, 'Oxidation'
- Joshua McInerney, 'Intertwined Presence'
- Henry Partridge, 'Intertwine'
- Sattapattana (Euro) Ruangvanish, 'Floral Intricacies'
- Cooper Ruthven, 'A Death in the Family'
- Maxwell Zagorski, 'Absence'

INTECH (INDUSTRIAL TECHNOLOGY) AND SHAPE 2018 (DESIGN AND TECHNOLOGY)

SELECTED:

Industrial Technology

- Dylan Pathirana — Whiskey cabinet

NOMINATED:

Design & Technology

- Gil Garrett — Healthy helmet
- Jack Gutmann — Gutter cleaner 4000
- Oliver Heys — IRB kill switch
- Thomas Lee — IRB footstrap
- Patrick O'Day — Get up cup stand
- Joshua Owens — Re-design of Ku-ring-gai Hockey Centre
- Sattapattana (Euro) Ruangvanish — Thai microfarm
- Ben Sterrett — Empress Mayfair recumbent trike
- Felix Walsh — Home assistance trolley
- Harrison Ward — Swash pump

Industrial Technology

- Joseph Asnicar — Motorbike trailer
- Finn Harricks — Stand-up paddleboard
- Dylan Pathirana — Whiskey cabinet
- Aiden Robertson — Corner desk
- Conor Rockwell — Box trailer
- Zachary Stewart — Writing table



ENCORE (MUSIC)

SELECTED:

- Jason Henery (Composition)

NOMINATED:

- Hamish Cole (Drum Kit - Music 1)
- William Hordern (Clarinet - Music 2 and Music Extension)
- Jason Henery (Double Bass - Music 2 and Music Extension)
- Kevin Sun (Piano - Music 1) (Composition)
- Julian Tso (Composition)

ONSTAGE (DRAMA)

NOMINATED

(INDIVIDUAL PERFORMANCE):

- Arthur Lees (Salome)
- Crawford Lees (Network)
- Oscar Ley (Latrine)

NOMINATED (GROUP PERFORMANCES) AND SELECTED:

Title – Cuckoo

- Barney Allen
- Toby Buchner
- Hamish Cole
- Noah Derwent
- Peter Sherlock

SELECTED (INDIVIDUAL PROJECT):

- Ricky Somaiya (Theatre Review)

- 01 'Floral Intricacies' by Sattrapattana (Euro) Ruangvanish
- 02 'Intertwine' by Henry Partridge
- 03 'Whiskey cabinet' by Dylan Pathirana
- 04 'Stand-up paddleboard' by Finn Harricks
- 05 Jason Henery selected for 'Counterparts'
- 06 Encore nominees (left to right): Hamish Cole, William Hordern, Jason Henery and Kevin Sun
- 07 Selected OnSTAGE Group Performers in 'Cuckoo'
- 08 Crawford Lees nominated for 'Network'



HSC ACHIEVERS



**CORY
AITCHISON**

- Top ATAR 99.95
- All Rounders Honour List
- 6th in Economics
- 12th in Chemistry
- University of Sydney Chancellor's Scholar Award
- University of Sydney Dalyell Scholar Award
- Band 6 in Chemistry, Economics, English (Advanced), Mathematics Extension 1, Mathematics Extension 2, Physics



**JAMES
AUSTEN**

- All Rounders Honour List
- Dean's Entry Scholarship - University of Sydney
- Band 6 in Agriculture, Biology, Chemistry, English (Advanced), Mathematics, Mathematics Extension 1



**NOAH
DERWENT**
Head Boarder

- All Rounders Honour List
- 2nd in Business Studies
- Selected for OnSTAGE (Group Performance)
- UTS Co-op Scholarship - Bachelor of Accounting
- Band 6 in Business Studies, Drama, Economics, English (Advanced), Modern History



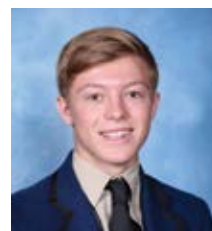
**MICHAEL
GEE**

- All Rounders Honour List
- 3rd in Software Design and Development
- Band 6 in Chemistry, English (Advanced), English Extension 1, Mathematics, Mathematics Extension 1, Physics, Software Design and Development



**ANDREW
GU**

- All Rounders Honour List
- 10th in Economics
- Band 6 in Economics, English (Advanced), Mathematics Extension 1, Mathematics Extension 2, Physics



**MATTHEW
HILDEBRAND**

- 17th in Business Studies
- Macquarie University Co-up Scholarship Bachelor of Accounting
- Band 6 in Business Studies, Economics, English (Advanced), Mathematics



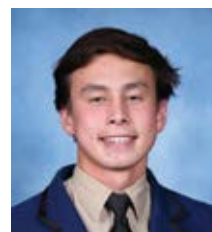
**BYOUNG
(CHAN) LEE**

- Top ATAR 99.95
- All Rounders Honour List
- University of Sydney Scholars Award
- Band 6 in Chemistry, Economics, English (Advanced), Mathematics Extension 1, Mathematics Extension 2



**THOMAS
LEIGH**

- All Rounders Honour List
- Gordon Rugby Scholarship - UTS
- Band 6 in Business Studies, Economics, English (Advanced), Mathematics - General 2, PDHPE



**LEON
MACALISTER**

- All Rounders Honour List
- 9th in Economics
- Band 6 in Chemistry, Economics, English (Advanced), Mathematics, Mathematics Extension 1, Physics



KESHAV
MANAKTALA

- All Rounders Honour List
- 10th in Legal Studies
- Band 6 in Business Studies, Economics, English (Advanced), Legal Studies, Mathematics - General 2



HENRY
PARTRIDGE

- All Rounders Honour List
- UNSW Co-op Scholarship - Bachelor of Data Science
- Selected for ARTEXPRESS (Wagga Wagga Art Gallery)
- Band 6 in Chemistry, English (Advanced), Mathematics Extension 1, Mathematics Extension 2, Physics, Visual Arts



DYLAN
PATHIRANA

- 2nd in Engineering Studies
- 4th in Industrial Technology
- Selected for InTECH
- Band 6 in Engineering Studies, Industrial Technology, Mathematics



HARRISON
PENN

- 10th in Business Studies
- Band 6 in Business Studies, Economics, English (Advanced), English Extension 1, Mathematics



SATTRAPATTANA
(EURO)
RUANGVANISH
Boarder

- Selected for ARTEXPRESS (Blue Mountains Cultural Centre, Tamworth Regional Gallery)
- Nominated for SHAPE
- Band 6 in Visual Arts



JAMES
TAYLOR

- All Rounders Honour List
- 5th in Business Studies
- Band 6 in Biology, Business Studies, Chemistry, English (Advanced), Legal Studies, PDHPE



RAYMOND
TIAN

- All Rounders Honour List
- 16th in Business Studies
- Band 6 in Business Studies, Chemistry, Economics, English (Advanced), Mathematics, Mathematics Extension 1



ANDREW
UEN

- Top ATAR 99.95
- All Rounders Honour List
- UNSW Co-up Scholarship - Bachelor of Actuarial Studies
- Band 6 in Economics, English (Advanced), Mathematics Extension 1, Mathematics Extension 2, Physics



MAXWELL
ZAGORSKI

- All Rounders Honour List
- Selected for ARTEXPRESS (The Armory, Sydney Olympic Park)
- Band 6 in Chemistry, English (Advanced), French Continuers, Mathematics, Visual Arts

ATAR AND UNIVERSITY ENTRY— CLASS OF 2018

The Business sector continues the trend at Knox as the leading area of interest for further study. Engineering, the Arts, Science and Law have always been popular choices in recent years. This pattern with the addition of Science has continued with the Class of 2018. A significant number of boys have selected Medicine and health related courses which will allow them to tailor their degree to suit their interests and career aspirations. Communications, Marketing, Media and Production courses have also been popular amongst the Knox graduates.

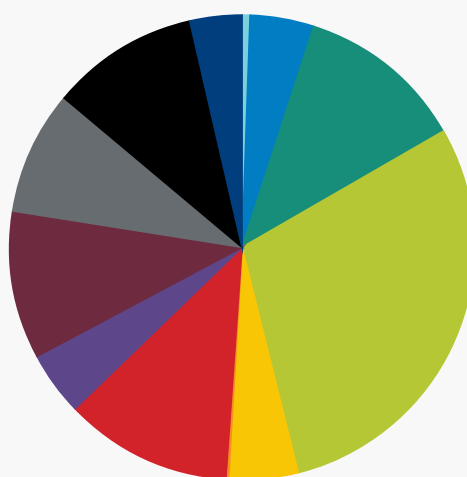
The four Sydney-based universities are still the preferred places for study in 2019 with Macquarie University the most popular choice. It is interesting to note the increase of interest in studying in the ACT.

Multiple course offerings from universities was the focus for the class of 2018. A total of 39% of students received multiple offers across the various UAC offer rounds, highlighting the mindset of choice when considering their career paths.

Early Offer Schemes were a popular pathway for this cohort, with 17.1% of students successful in receiving an early offer under individual universities' early entry programs and school recommendation schemes. These programs were considered a popular pathway for many of our students to be offered a place in their chosen course prior to sitting the HSC exams.

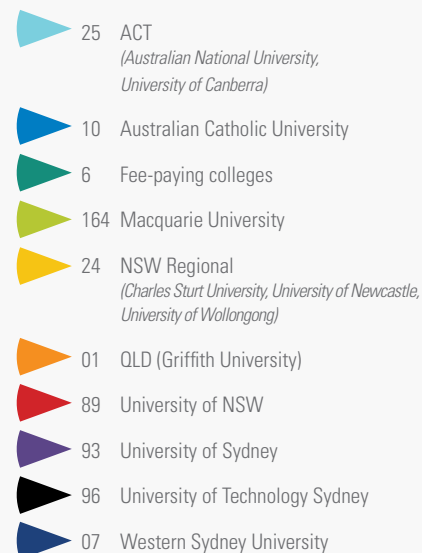
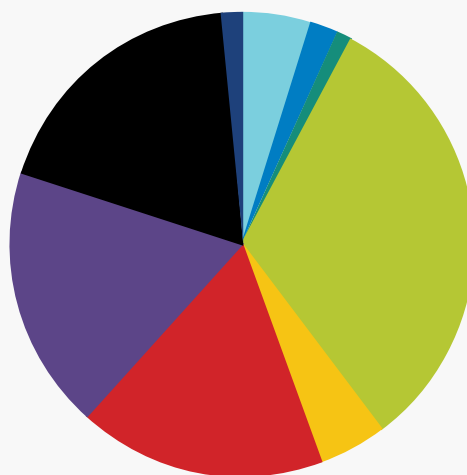
Overall, 91.4% of students from the Class of 2018 were offered a place at university, which highlights the value of higher education in giving students the skills they need for future success.

TERTIARY COURSES 2018



515* offers in these disciplines

UNIVERSITIES 2018



515* offers from these institutions

*Includes multiple course offerings

NATIONAL ASSESSMENT PROGRAM LITERACY AND NUMERACY (NAPLAN)

Knox students continue to be very strong in Numeracy, outperforming state, regional and similar schools. In all other areas the students perform well above the state in the top two bands. The mean for Literacy and Numeracy continues to be well above state and similar schools. The data provided online is only indicative of those schools whose students sat the NAPLAN papers online.

With the introduction of the requirement that students who do not achieve a Band 8 or higher in Writing, Reading and Numeracy will have to sit online tests until they meet the minimum standards, Knox has intensified its focus on lifting the students' literacy and numeracy skills. All Years 7-10 programs now include a more explicit focus on the teaching of writing. In 2018, NAPLAN 'boot camps' were held for Years 7 and 9 students and after school workshops were offered for those students who did achieve a Band 8 or higher. A Knox website was created for parents and students with resources and practice tasks:

<http://yagerk.wixsite.com/knox>.

The comparisons among Knox Preparatory School (Year 3 and Year 5), SSSG (like schools) and the overall state results achieving in the top band and beyond (Bands 7-10 for Year 3 and Bands 9-10 for Year 5) in 2018 are as follows:

YEAR	SCHOOL	READING	WRITING	SPELLING	GRAMMAR & PUNCTUATION	NUMERACY
YEAR 3	KNOX	70.0%	34.4%	58.0%	74.3%	62.4%
	SSSG	55.3%	24.5%	46.3%	56.8%	46.0%
	STATE	29.1%	10.1%	26.5%	32.3%	21.5%
YEAR 5	KNOX	43.5%	18.8%	32.3%	48.4%	42.8%
	SSSG	43.4%	10.5%	29.7%	38.8%	38.9%
	STATE	9.1%	3.7%	4.4%	8.4%	5.7%

YEAR 3

84.3% of the boys were in the top two bands across the five tested subtests, while the SSSG (like schools) was 75.72%, and the state mean was 50.92%. One student was below national benchmark in literacy and none in numeracy.

For the first time this year, the results have shown the percentage of students working beyond Band 6 for Year 3 as follows:

- In Reading, 47.4% achieved across Bands 7-10.
- In Writing, 8.6% achieved in Band 7.
- In Spelling, 27.9% achieved across Bands 7-9.
- In Grammar and Punctuation, 53.9% achieved across Bands 7-10 with 10.8% in Band 10, which is a phenomenal result.
- In Numeracy, 30.1% achieved in Bands 7-9.

YEAR 5

64.38% of the boys were in the top two bands across the five tested subtests, while the SSSG (like schools) was 59.84% and the state mean was 33.12%. No students were below the national benchmark in literacy or numeracy.

For Year 5 this year the results have also shown the percentage of students working beyond the top Band 8 as follows:

- In Reading, 20.5% achieved across Bands 9-10.
- In Spelling, 6.8% achieved across Bands 9-10.
- In Grammar and Punctuation, 29.8% achieved across Bands 9-10.
- In Numeracy, 18.6% achieved across Bands 9-10.

The comparisons among Knox Grammar School (Year 7 and Year 9), similar schools and the state results achieving in the top band in 2018 are as follows:

YEAR	SCHOOL	READING	WRITING	SPELLING	GRAMMAR & PUNCTUATION	NUMERACY
YEAR 7	KNOX	38.4%	11.9%	32.4%	37%	50.3%
	SSSG	32%	11.8%	25.9%	34.4%	35.5%
	STATE	12.4%	4.7%	13.3%	15.8%	14.3%
YEAR 9	KNOX	10.7%	9.7%	10.6%	21.0%	40.1%
	SSSG	20.8%	13.5%	16.8%	21.8%	32.8%
	STATE	8.2%	5.6%	8.2%	9.0%	13.0%

YEAR 7

Knox students continue to perform substantially above the state and similar schools in literacy and numeracy in Year 7. 92.1% of the boys were in the top two bands across the five tested subtests, while the similar schools group was 85.1%, and the state was 55%. Five students were below national benchmark in literacy and none in numeracy.

For Year 7 this year the results have also shown the percentage of students working beyond the top Band 9 as follows:

- In Reading, 13.3% achieved Band 10.
- In Spelling, 9% achieved 10.
- In Grammar and Punctuation, 15.5% achieved Band 10.
- In Numeracy, 26.6% achieved across Bands 9-10.

YEAR 9

Knox students continue to perform above the state in literacy and numeracy and in numeracy for similar schools in Year 9. 81.5% of the boys were in the top two bands across the five tested subtests, while the similar schools group was 81.2%, and the state was 48.9%. No students were below the national benchmark in literacy or numeracy.

SENIOR SCHOOL

AGRICULTURE

Just as in industry, change is welcomed at Knox Agriculture and 2018 has certainly seen many changes occur. Students embraced the evolving face of Agriculture, exploring a wide range of modern agricultural enterprises whilst enjoying the 'paddock to plate' concept through many units of work studied this year. In staffing news, we also welcomed back Ms Nield.

Year 9 students displayed initiative and maturity in their first unit of work at the school farm, constructing, tending for and harvesting a range of late summer and winter vegetables. As they studied sheep production, the annual excursion saw many learning experiences with Sam Lisle (OKG00) at 'Old Woombi' Poll Dorset stud, who later also assisted in a shearing shed at Walcha. A visit by Oli Le Lievre (OKG10) of 'Aglive' at Agquip showed students the benefits of production data, tracking and modern agriculture with a highlight the excursion to the New England and Liverpool Plains. The boys also effectively fed lambs on a feed trial and raised broiler (and layer) chicks, culminating in the sale of lamb packs, the harvest of plot grown potatoes and a roast chicken lunch.

A load of grain, several cattle and a flurry of activity at the plot early in the mornings to train show stock saw Year 10 kick off their studies in beef and dairying. Students very efficiently and effectively raised three head during Terms 1 and 2, taking two steers to Wingham Beef Week and another fed on longer until students determined it was ready to be processed and subsequently sold back to students (including a class BBQ) and staff. Congratulations to Tom Johnston on placing 3rd in the Senior Judging competition - a significant achievement given the tough and expansive competition faced at this large regional show. Late in Term 2, the use of Farming Simulator again proved a successful and popular way of developing students' understanding of broad acre grain production. During Terms 3 and 4, boys explored the concept of 'City Farming' in a small or vertical space which was coupled with hydroponics and aquaponics. This allowed Year 10 students to research, design and produce their own system, resulting in successful production of a range of fruits, leafy greens and fish.

From May to August, Cattle Team members in Years 10 and 11 participated in the Unischool's Steer Challenge, raising a Hereford X Simmental steer

donated by Western Sydney University. While the team of boys was small, they learnt a great deal regarding cross bred cattle which further developed their knowledge of cattle feeding and showing. Congratulations to Toby Kellaway who placed third in the Junior Judging competition at this show.

As part of their studies in the preliminary course, Year 11 students expertly set up glasshouse and field trials studying the effects of fertiliser on pea production, comparing new varieties of forage oats and assisted in the raising of Dorper and second cross lambs in a feed trial. Their visit to a prime lucerne production farm in the Hunter Valley set them up well with an understanding of fodder production, especially relevant given the current drought. As always, students benefited from studying realistic and relevant practical experiences which assisted them in both deepening and broadening their theory knowledge.

Fresh from their farm product study trip in Term 4, 2017 visiting Fresh Pastures Piggery, Cowra Meat Processors and Trunkey Bacon and Pork in Orange, Year 12 analysed the production of Australian pork as part of their Farm Case study. The following units of 'Plant and Animal production' as well as their elective unit 'Farming for the 21st Century' allowed the class of 2018 to develop a thorough, responsible and progressive understanding of sustainable and recently emerging agricultural practices; an essential requirement given the changing landscape of agricultural production these young men will face in the future.

DRAMA

The Drama Department continues to thrive in both academic and performance contexts as part of an exciting transition to the Performing Arts Centre and all that it promises.

The Year 9 Drama cohort have learned to work collaboratively in a range of performance styles and forms. Of profound significance has been the students' exploration of indigenous poetry from which they have developed visually evocative performances driven by compassionate and empathetic interpretations of the textual narratives. As always, a highlight for Year 9 students has been the opportunity to perform 'Theatre in Education' performances for students in Year 2 at Knox Prep.



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Year 10 Drama students have thrived in their responses to the demanding requirements of the 'Film Making and Documentary Drama' units of study: enhancing their appreciation of the importance of digital elements in dramatic performance. In stark contrast were the evocative and often haunting physical theatre depictions of various famous shipwrecks. The use of flexible and set elements, costumes and levels enhanced the symbolic impact of these performances.

Year 11 Drama students rigorously embraced the intense challenges of the Preliminary Drama Course. In Term 1, the large cohort of 46 students offered complex and engaging interpretations of various war poems that resonated with the student audiences. Term 2 offered the opportunity to perform dramatic duologues from a range of classic plays and to design costumes, sets and posters based on the play 'Othello', which was studied in English, in which chiffon, lace and peacock feathers were highlights of costume design visions. The year ended with some innovative and starkly confronting depictions of the seminal Australian absurdist play text 'Ruby Moon'.

There have been many highlights for the HSC Drama students this year. This large cohort was recognised for its unity of purpose and positive peer support and the diverse range of Group Performances and Individual Projects presented was admirable. For the fourth time in six years, a Knox group performance was selected for OnSTAGE; a NSW Education Standards Authority showcase. Given that well over 1,000 group performances are examined every year and only 10 are selected, this is a momentous achievement. A Theatre Review was also selected and three individual performances were also nominated.

The Knox Theatre Ensemble, as part of the Drama Department, presented two productions this year.

The continuing vision of the Knox Theatre Ensemble is to produce plays that enhance students' academic studies in not only Drama but also in other subjects.

Boy Overboard was a performance initiative which ambitiously interpreted the widely acclaimed play text studied by Year 7 English students. The production was performed predominantly by Year 8 students and presented in two contexts: a season for the Knox community and special performances presented for Year 7 students with an accompanying question and answer session. The production bravely explored the plight of refugees from a war torn country who seek sanctuary in Australia but whose future journeys are uncertain. The Years 8 and 7 students who were involved must be commended for their staunch commitment to this project.

Twelve Angry Men was a triumphant affirmation of the skills of senior Drama students to realise a complex and iconic play text and film in performance. The production's impact was driven by the talents of the twelve angry actors who inhabited a jury room that considered the execution of a man accused of murder. The production was lauded not only for the mature and complex interpretations of the actors but also the restless and intimate digital captures of the dramatic action which were presented by live to air cameras placed in various areas of the stage.

Drama at Knox strides forth confidently from the iconic Drama Centre to the new Performing Arts Centre; proud of the heritage of its past achievements and confident in the performances that can be realised in its new and extraordinary landscape.

ENGLISH

2018 was an exciting and transitional year for the English Department. Our teachers worked collaboratively introducing the new HSC syllabus, identifying and developing teaching strategies to develop student engagement and skill building in writing and analysing texts. The scope and sequence of teaching for Stages 4 and 5 continue to be refined as the Department prioritises and reflects on ways to engage student learning and develop the skill set for the new HSC with a particular focus on the need for students to reflect on their own writing and learning.

Writing continues to be a high priority in English both academically and imaginatively. The Year 10 cohort enjoyed a successful day at the Sydney Writer's Festival listening to authors discuss their motivation and writing process. The students were able to reflect on this during their English classes and develop pieces of writing that will assist them with Year 11 work. Stage 5 continues to focus on both the creative and imaginative writing that links explicitly to the HSC writing demands. Stage 4 writing continues to focus upon the overall structure of responses and developing the skills of essay and creative responses with reflection writing becoming a priority for Stages 4 and 5 in 2019. Students also participated in the ICAS English Test with a number of High Distinctions and a Medal for Excellence in Writing awarded.

A focus for the Department over the last year has been to help the boys understand the creativity and importance of English in their lives through rich learning experiences outside the classroom setting. As such, each stage has been involved in some exciting excursions and workshops. Year 7 attended the wonderful production of 'A Midsummer Night's Dream' held at the Seymour Centre that linked to their assessment task regarding staging of Shakespeare. Year 8 participated in a performance poetry workshop held at Knox, which enabled the boys to see the range of poetry that is present in our everyday lives and that poetry becomes an avenue for self-expression. Year 10 attended the Sydney Writers' Workshop involving writers such as Patrick Ness, Kirsty Eagar and Alison Croggon. Finally, almost 700 of our Years 9 and 11/12 students were able to attend an exclusive performance of 'Macbeth' at the Pop-up Globe Theatre and experienced Shakespeare brought to life in an authentic setting. This was a highlight for the

English Department as this was the biggest student excursion apart from Sports and Cadets! In addition, this event brought out the hidden Shakespeare fans from across different faculties to the fore and opened up channels of communication between students and teachers from different subject areas. This is amazing as it validates our endeavour to encourage reading of canonical texts.

2018 also saw the continuation of numerous 'boot camps' for Years 9 and 12 students. This concerted approach to writing resulted in some very pleasing NAPLAN results and boosted the confidence and agility of our Year 12 students. Our Years 7 and 9 boys were, once again, graded above the State and the Northern Sydney Region schools in the areas of both Reading and Writing in NAPLAN testing.

The English Department continues to be driven and focused upon making English relevant to the lives of the students. English offers an avenue for self-expression and reflection that is important in a student's life. Our teachers continue to engage in Professional Development attending various workshops on the new syllabus both internally and externally in order to refine and develop skills to support our students.

FINANCE AND LEGAL STUDIES

The Finance and Legal Studies Department offers a number of elective courses that can be studied in Years 9, 10, 11 and 12. These include: Commerce in Years 9 and 10, Economics in Years 11 and 12, Business Studies in Years 11 and 12 and Legal Studies in Years 11 and 12.

2018 was another very successful year for the Department. We began the 2018 academic year by learning about the exceptional HSC results achieved by the 2017 cohort. Within the Department, six students achieved a state rank. These included: Thomas Woodcock (7th in Economics), Kiarash Kyanian (10th in Economics), Sean Stuart (4th in Business Studies), Brad Ellwood (13th in Business Studies), Alex Vains (15th in Business Studies) and Manan Luthra (18th in Legal Studies). The Department also welcomed two new staff members this year - Ms Choucair and Ms Govender.

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- 01 Year 11 Agriculture class viewing the field trials at the Singleton Prime Lucerne production farm
- 02 *Twelve Angry Men* used live to air imaging, enhancing the audience's perspective of the actors

The candidature for the Commerce course in 2018 was 369 students. This included 167 students studying the Year 9 course and 202 students studying the Year 10 course. Students in the Year 9 course studied the topics of: 'Consumer Choice', 'Running a Business', 'Promoting & Selling', 'Personal Finance', 'Investing' and 'Travel'. Students in the Year 10 course studied the topics of: 'Law & Society', 'Law in Action', 'Employment Issues', 'Political Involvement' and 'Our Economy'. The Year 9 Commerce Market Day, Year 10 Commerce Parliamentary Club and Year 10 Commerce excursion to the Downing Centre law courts continue to be key focal points of the Commerce course.

The candidature for the Economics course in 2018 was 179 students. This included 106 students studying the Preliminary course and 73 students studying the HSC course. Students in the Preliminary course studied the topics of: 'Introduction to Economics', 'Consumers and Business', 'Markets', 'Labour Markets', 'Financial Markets' and 'Government and the Economy'. Congratulations to Hortin Zeng, Dux of Preliminary Economics. Students in the HSC course studied the topics of: 'The Global Economy', 'Australia's Place in the Global Economy', 'Economic Issues' and 'Economic Policies and Management'. Congratulations to Cory Aitchison, Dux of HSC Economics.

The candidature for the Business Studies course in 2018 was 291 students. This included 158 students studying the Preliminary course and 133 students studying the HSC course. Students in the Preliminary course studied the topics of: 'Nature of Business', 'Business Management' and 'Business Planning'. Congratulations to Michael Glover, Dux of Preliminary Business Studies. Students in the HSC course studied the topics of: 'Finance', 'Marketing', 'Operations' and 'Human Resources'. Congratulations to Harrison Penn, Dux of HSC Business Studies.

The candidature for the Legal Studies course in 2018 was 127 students. This included 77 students studying the Preliminary course and 50 students studying the HSC course. Students in the Preliminary course studied the topics of: 'The Legal System', 'The Individual and the Law' and 'Law in Practice'. Congratulations to Ryan Haire and Ryan Ng, joint Dux of Preliminary Legal Studies. Students in the HSC course studied the topics of: 'Crime', 'Human Rights', 'Employment Law' and 'World Order'. Congratulations to Ryan Chan and Keshav Manaktala, joint Dux of HSC Legal Studies.

We look forward to another exciting year in Finance and Legal Studies in 2019.

GEOGRAPHY

Geography continues to offer students a challenging and enriching academic environment as well as engaging and contemporary content while allowing boys to gain untold benefits from varied fieldwork.

2018 saw the introduction of the new Australian Curriculum for Years 8 and 10, following on from its introduction in 2017 at Years 7 and 9. The Geography Department is very well prepared for the new curriculum with programs and assessment tasks ready in preparation for the new courses.

This year 319 students across Years 7 to 12 competed in the Australian Geography Competition, which attracted 72,000 competitors from 780 schools from across the country. This year the results were outstanding with nine students placing in the top 1% of their age groups, 78 students achieving a High Distinction and 84 achieving a Distinction, placing Knox fifth nationally.

The Geography Department presents the students with a wide range of environments and issues with fieldwork being an integral component. Locations and topics studied include:

- Year 7 students studied 'Landscapes and Landforms' at Long Reef Beach.
- Year 8 students visited Circular Quay and Manly to research and compare tourism services and infrastructure as part of their studies on Interconnections.
- Year 9 students visited Sydney Olympic Park and the Barangaroo Precinct as part of their studies into 'Changing Places'. Both the Olympic Park and Barangaroo sites offers a rich geography, enabling students to compare previous uses to the present day.
- Year 10 students visited Dee Why and Collaroy beaches as part of their studies on Coastal Management.
- Year 11 students visited the Coal Industry Centre in Singleton which included a tour of an open cut coal mine as part of their studies in Natural Resource Use.
- Year 12 students studied urban dynamics in Pyrmont, as well as an overnight excursion to the Stockton Dune ecosystem and Tyrrell's Wines in the Hunter Valley to provide the boys with a range of rich case studies to use in their HSC studies.

The 2018 fieldwork program has allowed our students to develop a wide range of skills which can be applied in the field, in the classroom and in particular in the real world.

In 2018 literacy continues to be a focus within the classroom, with the pilot programs from 2017 being adopted through Years 7 to 12. The Geography Department continues to broaden its global horizons, with a Year 8 class connecting with Yonghwa High School in Korea allowing the boys to compare home life, school life and culture between the two countries. Classes have also connected with schools in Hawaii and the Democratic Republic of Congo as part of the One Planet program being run by Mr Beilharz and Mr de Botton.

This year in staffing news we have been joined by Mr Kinnaird who brings his expertise and enthusiasm for the subject, as well as his considerable skills in the practical application of ICT in the classroom.

The Geography Department continues to attract good numbers of students into the senior classes, and to engage all students on a daily basis due to the engaging, contemporary and global nature of the content across the curriculum and the professional and stimulating work of the Geography teachers in the classroom.

HISTORY

The History Department continues to pride itself on providing engaging and thought-provoking lessons that inspire and motivate our students with a love of history and learning. This is stimulated by providing our boys with the ability, in nearly every course, to pursue an area of interest through Personal Interest Projects. Personal Interest Projects remain an integral part of the assessment program in Years 7-10. They provide the boys with an opportunity to carry out research on a topic of their choice and to express their creativity. The boys choose how to present their work and they often produce a large selection of models and individual presentations, as well as more traditional formats.

Besides a plethora of engaging and fascinating topics, the History Department also believes firmly in the focus on developing the students' literacy skills, in particular the writing of detailed, well-argued paragraphs and essays. The analysis of sources is also a key skill in the study of History and the staff of the Department are fortunate to be able to link fascinating and engaging content to the development of these skills.

One of the key features of the latter half of 2018 for the Department was the concept of 'Sharing Great Practice' in our Professional Development. Here the focus was on each teacher presenting pedagogies to their peers that have been tried and tested in the classroom and have proved their value.

This has proven to be immensely popular amongst the Department as it has helped provide an arsenal of resources and activities as well as modes and methods of presentation that has enhanced the classroom experience for our boys and their teachers.

The 2018 History Tour was a great success. Run every second year since 2004, the History Tour is heavily oversubscribed with waiting lists for the 2020 Tour already substantial. Spending time in France, Germany and Italy, the Tour visits places relevant to our senior core studies of 'Power and Authority: Germany for Modern History' and 'The Cities of Vesuvius: Pompeii and Herculaneum for Ancient History'.

Mrs Wilmshurst was a very welcome addition to the Department this year, which now boasts the strength of 16 dedicated and enthusiastic teachers, making it one of the largest History Departments in Australia. The History Department prides itself on its dynamic and professional staff. They are focussed on providing first class teaching and learning for all students. There is also a clear commitment to the students having a positive and enjoyable experience in History.

LANGUAGES AND CULTURES

As technology changes what we are able to do and how we do it, the skills that we acquire from learning about other cultures and how to communicate with others in their native tongue become invaluable. Through language we learn literacy, numeracy, problem solving and critical thinking skills, digital skills and how to communicate. The ability to communicate in English and at least one other language, combined with an understanding of different cultures are essential skills for the globalised world in which we live. These are skills that allow our language students to stand out from the crowd.

Our programs incorporate tasks that encourage using the target language in authentic ways including the creation of digital presentations, oral presentations, writing tasks and communicating with native speakers. The latter has allowed students to develop their confidence and fluency.

2018 was a year that saw a continued expansion of the opportunities we offer for our students. Our language exchange programme continues to expand, with students visiting France, Germany, Japan and exchange opportunities offered for those learning Chinese.

In April, students from Years 9 to 12 joined our inaugural study trip to New Caledonia and were able to experience a week in Noumea, attending French lessons and experiencing living with French



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speaking families for a five-night homestay and this was, in the words of the students, the highlight of the trip. At the same time, Years 9 and 10 students of Chinese participated in a two-week trip to China where they also partook in a homestay program, as well as sampling the food, sights and culture of several cities in China. These school connections, exchanges and trips are a vital part of connecting our students to native speakers of their language and enable us to build and expand our ties with schools overseas.

Our Native Speaker Assistant program continued in 2018 and gave students the chance to put their knowledge of language into practice with a native speaker. Our assistants are on site one day per cycle and enable one on one or small group conversation practice in the target language with our students from Years 8 to 12. This is particularly helpful for our Stage 6 students as they prepare for their HSC Oral Examination.

Our Language Ambassador program for selected Years 10 and 11 students continued to assist teachers as well as help advocate and mentor younger students in a variety of ways. These included subject selection evenings, presenting awards at Year Meetings and visiting Knox Prep language classes. This year they also trialled Languages Homework Club in Term 3, assisting Years 8/9 students with their languages homework.

In August, our Years 9 and 10 elective Language students sat the ACER Assessment of Language Competence test with 27 Year 9 students and 25 Year 10 students gaining a High Distinction in one or both of the Listening and Reading Components.

Opportunities to experience a variety of language and cultural activities, including incursions, excursions and performances were expanded this year:

- Students in Years 8-10 participated in the Knox-Ravenswood Chinese Poetry Recitation Competition. Students were judged by visiting teachers on their accent, Chinese tones and performance.
- Years 8 French, German and Japanese students were able to cook traditional food such as French crêpes, German Spätzle and Japanese yakisoba during an incursion.
- Stage 5 language students travelled to the Japanese Tanken Centre, Alliance Française and the Goethe Institute. Students were also involved in Chinese craft and music workshops and collaborative speaking tasks and activities with language students at Ravenswood.
- German students were involved in lunchtime German Grammar Club. This was particularly popular with the Year 10 cohort.
- Year 12 students in all our languages have been involved in HSC Oral Exam practice workshops with other schools.

MATHEMATICS

Knox has a proud tradition of demonstrated student excellence in all major external examinations and competitions, at all levels of study. This ensures that students develop an important set of mathematical skills and problem solving techniques to help them engage in modern society and make sense of the world in which they live, in many contexts, from an underlying, mathematical perspective.

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01 The 2018 History tour group outside the Colosseum in Rome

Haowen Gao (Y11) received the highest Australian Mathematics Competition (AMC) honour possible as a Medallist Prize Winner in the senior division, presented at NSW Government House, by His Excellency General The Honourable David Hurley AC DSC Governor of New South Wales.

517 students sat the Australian Mathematics Competition (AMC). Prizes were awarded to Aaron Jubb (Y8), Fengshuo Ye (Y8), Christopher Ai (Y9), Jeremy Lee (Y9), Zhihao Lin (Y10) and Haowen Gao (Y11), who were all judged to be outstanding on an international basis (Top 0.3%). A further 40 High Distinctions (top 10%), 148 Distinctions (next 15%) and 214 Credits (next 25%) were awarded to Knox students.

On the basis of outstanding achievement in the AMC, 21 students from Years 7-10 were then selected to compete in the Australian Intermediate Mathematics Olympiad (AIMO). Of these students, Fengshuo Ye (Y8) and Ethan Ryoo (Y9) were awarded Prizes. Dhruv Hariharan (Y9), Christopher Ai (Y9), Zhihao Lin (Y10) and Timothy Leong (Y10) were awarded High Distinctions. Jeongkeun Lee (Y7) and James Jiang (Y9) were awarded Distinctions while Credits were awarded to eight other students from Knox.

In the Mathematics Challenge for Young Australians run by the Australian Mathematics Trust there are two stages. In the Challenge Stage, Knox students were awarded seven High Distinctions, 15 Distinctions and 21 Credits. In the Enrichment Stage involving the study of Euler in Year 7, Gauss in Year 8 and Noether in Year 9, Knox students were awarded four High Distinctions, one Distinction and four Credits.

At time of writing, Haowen Gao, Fengshuo Ye and Ethan Ryoo were invited to the Australian Mathematical Olympiad Committee (AMOC) School of Excellence. This invitation should be viewed as a particular honour as the main goal of the School will be to help identify and develop the skills of students who are vying to become members of the Australian Team to compete at the International Mathematical Olympiad in 2019.

Knox entered 95 students in the International Competitions and Assessments for Schools (ICAS) ran by UNSW Global. Knox students had four medallists with perfect scores - Edward Chen (Y7), Leo Zhu (Y9), Ethan Ryoo and Timothy Leong as well as 47 High Distinctions, 34 Distinctions and five Credits.

Another 19 Knox students sat the 57th UNSW Mathematics Competition. In the senior division, Fengshuo Ye was awarded a High Distinction and Haowen Gao, a Distinction. In the junior

division, Ethan Ryoo was awarded Third Prize and Christopher Ai was awarded a High Distinction. Timothy Leong, Zac Slonim, Eric Zhao and Zhihao Lin were all awarded Credit certificates.

Sincere thanks go to Mr Andrew Willcocks who coordinates the Mathematics competitions and award presentations for our students.

MUSIC

Another busy 12 months has flown by in the Music Department and every day has seen success build upon success.

Our Year 7 cohort were the first to trial a new vocal unit, learning to sing with beautiful, pure treble voices (sometimes in two or three-part harmony). With open ears, all musicians can respond more readily to pitch, rhythm and sound sources and this is why singing is such an important cornerstone in the development of any young musician. Our year of singing has blossomed into a new choir, The Treble Makers, who love their weekly rehearsals.

Years 8, 9 and 10 have learned the benefits of ensemble performance, with each class putting together a group item for assessment this term. Boys have learned the art of watching and listening while playing their own part to the best of their ability. We look forward to increasing this experience with our new curriculum Chamber Music program in 2019.

We congratulate the following Year 12 students on their HSC success, gaining a nomination for ENCORE, the NSW Education Standards Authority showcase of exemplary HSC Music performances:

- Hamish Cole (Music 1)
- Jason Henery (Music 2/Extension)
- Will Hordern (Music 2/Extension)
- Kevin Sun (Music 1)

We further congratulate Jason Henery who has been selected for his composition Major Work, 'Counterparts'.

We thank our ever supportive peripatetic network - Mr Jim Piesse, Mr Rob Ewan, Mr Charlie Meadows and Mr Andrew Chessher for their tireless after-hours work with our HSC students.

PDHPE

2018 was a very busy year for the PDHPE team. We welcomed three new staff members - Mr Moloney, Ms O'Brien and Mr Quince to our high performing team and were thrilled to be awarded 'Department of the Year' at the 2018 Knox Staff and Council Dinner. This is reflective of the levels of professionalism,



innovation, cohesion and general high expectations demonstrated from our team this year.

Between the compulsory PDHPE course in Years 7-10 and three elective courses, there are now 18 elective classes in this subject with many students finding the life relevance of PDHPE in both the theoretical and practical components. Highlights include:

- Year 7 were introduced to a range of multimedia programs including iMovie in which they produced assessment tasks on First Aid.
- Year 8 learnt lifelong skills in exploring 'Men's Health Issues'
- Year 9 demonstrated their knowledge of nutrition in creating a personalised food and physical activity journal
- Year 10 explored 'Risk Taking Behaviour' and promoted awareness to focus on harm minimisation

The elective PASS Course (Physical Activity and Sports Studies) provides students in Years 9 and 10 with opportunities to debate many topical issues in sport and to show off their coaching abilities by being able to coach their peers in a range of sporting contexts. The Year 11 'Sport, Leisure and Recreation' course was also at maximum capacity and gives the students an insight into sports management.

The senior PDHPE classes continue to grow in numbers and popularity, with many students electing this challenging course. Major excursions conducted in 2018 included Year 11 PDHPE Outdoor Recreation Camp, Year 10 Elective PASS excursion to the Bulldogs training facility in Belmore and Manly Sea Eagles at the NSW Academy of Sport. The Years 8 and 9 Annual Dances with Pymble Ladies' College and Mount Saint Benedict College was also a highlight.

Our HSC results were the best we have ever had with approximately 20% of the cohort achieving a Band 6 result and Tommy Nicholl obtaining a state rank.

SCIENCE

This year has been a year of STEM opportunities for Science students and staff. Some staff and students experienced Space Camp in Houston, while another group of Years 10 and 11 boys were able to immerse themselves in scientific opportunities in the Science Tour during Term 3 break.

2018 saw even more boys choosing Science as an elective in Stage 6 and the Department welcomed two new Physics teachers, Mrs Gouveia and Mr Truong.

As a Department we started the new courses in Stage 6 Science which required lots of programming. There is a greater emphasis on working scientifically which means a lot more practical work for the boys.

We used this year to further develop connections with other schools as part of our involvement in the Women in Physics lecture by Dr Ceri Brenner on 'Innovation with the most powerful lasers in the world'.

Our Titration teams coached by Ms Dreesbeimdieke and Ms Haslam trained and competed against some very able students from other schools with one of our teams placing second. The boys were able to gain many analytical skills that will be invaluable in their senior years.

The STEM Expo provided students with a rich opportunity to connect to companies that showcased the types of careers available to the boys' post-secondary schooling. The day was a fantastic achievement for the Knox STEM team, as a student initiated and organised event.

The Science Clubs were able to choose a variety of different activities. In Term 1 students focussed on STEM challenges, providing students with lots of opportunities to problem solve. Term 2, boys worked on projects to solve real world issues incorporating use of robotics and coding to obtain data and analyse the data. In Term 3 the boys worked on project to make a prototype of a hydraulic arm, extending their knowledge from robotics. In Term 4 the students are designing a game that incorporates scientific knowledge, electronics and coding. Students also participated in a citizen Science project with Sydney University to analyse soil health around the School and determine the conditions necessary for tea bags to break down.

Nathan Lui (Y11) and Raghav Lall (Y11) represented Knox at the Association of Independent Schools conference presenting at the student voice panel. They were able to share their experiences as Science learners, discussing why they chose to continue with their study of Science and discuss their experiences of inquiry in the classroom.

Our students continued to compete in a variety of external competitions including the Science Olympiads, the Rio Tinto Big Science Competition, ICAS and the Science and Engineering Challenge. The boys performed above the state mean in all the competitions. The Science and Engineering Challenge was presented by the University of Newcastle in cooperation with the Office of NSW Chief Scientist & Engineer, Defence Force Recruiting, Macquarie University, Australian Catholic University, The University of Sydney, University of New South Wales and the Rotary Clubs of Sydney. It was a day-long competition designed to provide Year 10 students with a positive experience of Science and Engineering. A maximum of eight schools competed and our boys were victorious, gaining first place on the day.

Opportunities for students to access science in the real world saw Year 7 visiting the zoo and observing animal adaptations, Year 8 studying forensic science in an incursion and Year 11 Biology and EES undertaking field trips to study a local ecosystem.

On reflection the boys and staff enjoyed the opportunities and challenges of STEM at Knox.

TECHNOLOGY AND APPLIED STUDIES

The Technology and Applied Studies Department continues to renew, develop and evolve curriculum to best foster students in an ever evolving design process in 2018.

We welcomed two new staff members to the Department; Mr Gazzard and Mr Shaw as well as Mrs Chrisafis who is back from maternity leave.

Our long term vision for this Department is revolved around leading educational and learning excellence. This year, we have looked at further coordinating and developing the future technology infrastructure developments to provide opportunities for our students to enhance their creativity, collaboration and critical thinking skills. The Stage 4 mandatory Technology course welcomed 100 new robotic Bit:Bot kits, linking and liaising with industry to further enhance the coding and computational thinking skills of our students. Increased student growth has been visible in our workshop orientated subjects and the new latest tools and machinery have been in use this year with the inclusion of a new lathe, band saw, pocket NC 5 Axis CNC Machine, hardware for computer building courses and an additional laser cutter.

A continued focus on STEM and future possibilities for our students to grow within this area has allowed

us to continue the development of rich, open learning tasks to foster and cater for student choice. We have enabled our students to become problem solvers and critical thinkers, allowing them to produce solutions for every day real world problems.

Opportunities for students to access Technology in the real world saw our Year 12 Civil Engineers in the making visit various bridges that cross the Parramatta River, our Year 11 Industrial Technology students visiting the Rheem and Fantastic Furniture Lounge Factory to gain industry experience and our Year 10 Graphics students visiting the architecturally historic Rose Seidler House to analyse environmental, societal and industrial impacts of graphics technologies.

Years 9 and 10 Information and Software Technology as well as Year 11 Software Design and Development, once again participated in the National Computer Science School Challenge (NCSS Challenge). The NCSS Challenge is a national computer programming competition specifically developed to encourage students to explore computer programming. Knox has been participating in the Challenge for several years and contributes the largest cohort of students across Australia. This year, we had over 120 students complete the NCSS Challenge with 26 students achieving perfect scores. A particular mention to Haowen Gao (Y11) for his High Distinction award in the Advanced Challenge Championship and to Harry Wagstaff (Y11) for his Merit award in the Advanced Challenge Championship.

Other highlights include Aditya Banik (Y9) and Cameron Gee (Y9) achieving a Merit award in the annual Young ICT Explorers Competition at the University of NSW and Year 10 IST students attending the Big Day In (an IT Careers Expo) at the University of Technology Sydney. The After School Technology Workshop, Robotic and Computer Clubs respectively have continued to be popular, allowing students an opportunity to further extend themselves and their projects.

In 2018, we were exceptionally fortunate to have 16 students from Design and Technology and Industrial Technology who had their Major Projects nominated. The Design and Technology students nominated for SHAPE include:

- Gil Garrett – Healthy Helmet
- Jack Gutmann – Gutter Cleaner 4000
- Oliver Heys – IRB Kill Switch
- Tom Lee – IRB Foot Strap
- Patrick O'Day – Get Up Cup Stand

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01 Harry Partridge (Y12) with Knox Physics teacher, Mr Sloan

- Joshua Owens – Re-Design of Ku-Ring-Gai Hockey Centre
- Sattapattana (Euro) Ruangvanish – Thai Microfarm
- Ben Sterrett – Empress Mayfair Recumbent Trike
- Felix Walsh – Home Assistance Trolley
- Harry Ward – Swash Pump

The Industrial Technology students nominated for InTech include:

- Joseph Asnicar – Motorbike Trailer
- Finn Harricks – Stand Up Paddle Board
- Dylan Pathirana – Whiskey Cabinet
- Aiden Robertson – Corner Desk
- Conor Rockwell – Box Trailer
- Zach Stewart – Writing Table

Congratulations to Dylan Pathirana on his selection for InTech.

VISUAL ARTS

The Department's goals for 2018 were to continue to renew and develop the Years 7-12 programs to ensure consistency, innovation, diversity and enjoyment. Our teaching and learning programs aimed to foster an interest in the production and consumption of art.

The Artist Workshop program at Knox held in Term 2 invited artists Juz Kitson and Susie Dureau to participate in meaningful and multi-layered immersions with elective Visual Arts students. This program provided a time of reflection, research, presentation, teaching and production for the students and artist.

The Department's new affiliation with the Canon Collective has allowed both staff and students to be trained by professional photographers and utilise state of the art equipment, lenses and printers from Canon. The members of the Canon Collective were also involved in two educational excursions with Year 9 and Year 11.

The new media room was finished at the end of Term 1 and this state-of-the-art resource has given students the opportunity to extend their art making practise in the media areas of photography, digital media and video. This new space meets industry standards and is a wonderful resource for the students to utilise across Years 7-12.

The Annual Visual Arts Show was held in the Great Hall in Term 3. The Art Show exhibited a range of student artworks of the highest standard

that showcased the diverse nature of skills of our present students. The exhibition is also a tribute to the dedication, passion and commitment of the Visual Arts teachers who have fostered and developed this talent.

The elective students participated in educational excursions to a variety of public sites, public exhibitions and galleries that included Sculpture by the Sea, The Art Gallery of New South Wales, The White Rabbit Gallery and The Museum of Contemporary Art. The opportunity to engage with traditional and contemporary artworks enables the students to gain increasing intellectual autonomy, evident in interpretations of their own work and the work of others

The Department strives to consistently achieve strong Year 12 results in both practical and theory strands of Visual Arts. This has been achieved through individual tutoring, feedback and developing a strong rapport with the students.

ARTEXPRESS showcases the exceptional works. Well done to our nominated students:

- Eric Bang – 'MIRROR MIRROR'
- Jordan de Vries – 'Uprise'
- Oscar Ley Native – 'Oxidation'
- Joshua McInerney – 'Intertwined Presence'
- Henry Partridge – 'Intertwine'
- Sattapattana (Euro) Ruangvanish – 'Floral Intricacies'
- Cooper Ruthven – 'A Death in the Family'
- Maxwell Zagorski – 'Absence'

Henry Partridge, Euro Ruangvanish and Maxwell Zagorski are further congratulated on their selection for inclusion in ARTEXPRESS.

WISDOM FAITH LIFE

Years 7-10 students participate in the Knox religious education program entitled Wisdom, Life and Faith (WLF). In Years 11 and 12, students can extend their studies in the NSW Education Standard Authority endorsed Studies of Religion HSC courses.

The Knox core values of Faith, Wisdom, Integrity, Compassion and Courage, underpin this unique Knox developed course. The broad and balanced curriculum aims to develop the boys' skills to explore, evaluate, reflect and understand their world; to be informed on ethical issues; to respond with confidence to life's challenges and to grow in their spiritual fitness. We seek to facilitate the growth of responsible and respectful global citizens.



Through our curriculum, we hope that students develop a respect and understanding of different faith positions as they personally identify meaning and purpose in their own lives. Lessons incorporate stimulus so that each boy can explore his own faith journey, modelled within Knox's Christian framework. Activities include individual and collaborative tasks, class discussion and personal research opportunities. There is emphasis placed on literacy development. Our programs are grounded in Christian and religious teaching, including Indigenous beliefs, in order for boys to gain understanding and respect of varied perspectives.

As a Uniting Church school, much of our WLF curriculum is given over to the study of Christianity through topics such as Stewardship, Heroes and Compassion. There is also opportunity to explore major world religions and Aboriginal spirituality where students will learn of their histories, festivals, rituals, authorities and teachings. This year, boys in Year 9 visited the Sydney Jewish Museum and heard a Holocaust survivor's story as part of their studies of Judaism. Philosophical questions raised by religious and ethical issues also form much of our curriculum.

Wisdom, Life and Faith aligns with the Knox Total Fitness, Mentor and Chapel programs.

01 Technology Club student Clive Riku (Y10), using the lathe

02 Year 9 students on excursion at the Sydney Jewish Museum

KNOX PREPARATORY SCHOOL

STAGE 1

Adventures start in K-2 and we encourage the boys to take risks and wonder at the world around them by asking questions and making connections. Staff support the boys through the integration of Knox Total Fitness and ignite an excitement for learning.

Literacy skills show incredible development in Kindergarten and it is so important to provide a solid foundation upon which to build these skills. InitialLit has provided this foundation for our English program and the boys were explicitly taught phonics to support their spelling knowledge and develop their reading and viewing of a variety of fiction and non-fiction texts, building their vocabulary, comprehension and decoding strategies.

Through the initiation of MAP Growth K-6, skills and concepts have been taught through games and real-life situations. Grouping the boys according to their development enables the teachers to cater for individual needs.

In History, the boys have learned to communicate stories of their own family heritage and the heritage of others by developing the skills of historical inquiry. They learnt about the importance of places, spaces and the environment. They explored special places such as homes, school and the community and looked at what makes a place special and meaningful to their lives. The boys learnt how to read and navigate a simple map and to locate their special place within the School. Technology has been effectively integrated into this unit using Beebots and the Bluebot App. The boys also used a 'QR code Treasure Hunt' to navigate their way around spaces at School.

Kindergarten boys investigated 'Living Things' through experiences which included observing, reporting and growing their own plants. Through exploration they identified the needs of living things in order for them to survive. Whilst investigating 'Sustainable Solutions', they pondered the concept 'Our choices shape our environment.' They explored the use of natural and man-made materials in different environmental spaces, collected and analysed data, as well as queried the importance of recycling and how we can take care of our home and school environment.

In Year 1 an emphasis has been placed on delivering presentations with a focus on the skills of clarity, volume, pace and eye contact.



01

Through the InitialLit program, the boys were explicitly taught how to identify grammatical features in texts and were encouraged to apply, 'Tricky' word knowledge and phonics strategies to their writing.

The boys have been immersed in the vocabulary of Mathematics and encouraged to demonstrate their problem solving skills and to justify their answers by explaining their reasoning.

By examining artefacts and listening to stories, Year 1 explored the reasons why people and events are important to themselves and their families. They also examined the concepts of continuity and change, looking at the value of what is retained and why changes are made in society. In the Inquiry Unit 'Sustainable Solutions', the boys investigated and questioned how shelters have evolved globally over time. This enhanced their ability to pose questions and respond to them relating to the design process of shelters around the world. The use of apps enabled the boys to generate the solutions to their problems.

Year 2 studied the features of the Earth's surface and learnt how to read and create maps in order to gain an idea of Australia's place within the world. They learnt that a feature is an important aspect of a place and that places can hold significant meanings to different people. In the inquiry unit 'The World is Made Up of Different Ecosystems' the students learnt to pose and respond to questions relating to ecosystems. They explored the reasons for having warmer and cooler environments within Australia using Google Earth. Throughout the unit

they considered the flora and fauna, weather, climate and human impact of an ecosystem. In ICT, students used a suite of geographical software tools on their iPads to investigate natural features of ecosystems and Australian climate information.

Boys explored the concept of mixtures by conducting a variety of experiments. They learnt to hypothesise based on prior knowledge and were able to determine how variables impact the results of experiments and generate a report based on their observations.

A highlight for the K-2 community was our 'Buy a Bale campaign' to support drought affected communities. It was beautiful to see happy little faces bringing in boxes of cupcakes to sell, the Prep boys and staff all dressed up with many dads dressing in the spirit for Kindergarten Father's Day Breakfast in the morning; and the Year 1 and Year 2 BBQ and Build afternoon. A team of hardworking mums organised the cake stall and stayed all day to raise \$5,500 - a tremendous team effort.

STAGE 2

Throughout the year students in Stage 2 have taken part in a wide range of activities and experiences within each subject. Teaching and learning opportunities have sought to simultaneously engage the boys and develop a deeper understanding through their participation in activities with an overall focus on an inquiry approach.

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01 Celebrating 100 days of Kindergarten on the Pirate Ship

This has involved learning through a combination of group work, effective integration of technology, project-based activities, excursions and numerous other experiences to both consolidate and extend students' thinking.

Knox Prep Science Week was a huge success as students took part in various STEAM (Science, Technology, Engineering, Arts and Mathematics) activities. All boys rotated through a number of different tasks specifically designed to test their skills and abilities in each of these areas. The many fun hands-on challenges which were organised ultimately encouraged students to experiment, problem-solve and think creatively in order to find and develop appropriate solutions to worldwide concerns making it truly authentic.

Both the Years 3 and 4 students attended their respective camps in Term 1. These were invaluable opportunities for the boys to build upon and strengthen their friendships, whilst also testing their limits on different challenges. Furthermore, the various excursions students attended throughout the year provided the boys with opportunities to develop their awareness and understanding of the world and how it relates to lessons learnt in the classroom.

Service Learning is a crucial aspect of school life and the importance of taking part in this is underpinned by each of the five School Values. Students have been involved in a number of fundraising events such as Genes for Jeans Day and the 'Buy A Bale' campaign. Year 3 students were once again active participants in The Dish, partnering with St John's Uniting Church Wahroonga, to assist local homeless people by providing a meal for them each week. Year 4 held a successful Fete Day at which the boys ran a number of stalls to help raise money for Rio's Legacy. Students managed to raise over \$2,500 to help build centres for terminally ill children and their families to support them during difficult times.

The Years 3 and 4 Musical, *The Switch*, was a wonderful highlight of the year as the creative flair and enthusiasm of students were on full display. These performances showcased the incredible range of talents possessed by boys across the stage and their level of commitment and enthusiasm exhibited were a pleasure to witness.

At the conclusion of the year, Stage 2 gathered together for a final Chapel Service held at the Knox Senior School Chapel. This occasion was a lovely opportunity to spend time in prayer and reflection as both students and staff recognised and gave thanks for the many blessings we are all so incredibly fortunate to enjoy here at Knox Prep.

It has been most pleasing to witness the growth and development of students in all areas of their school life this year. The boys have risen to the many challenges and expectations that have been set and as a result have ultimately grown in confidence, maturity and wisdom. Every boy can now proudly move on to the next chapter of their learning journey in 2019, safe in the knowledge that they have built a strong foundation for the future.

STAGE 3

It has been another highly successful year for Stage 3 at Knox Prep. Both Year 5 and Year 6 boys participated in a variety of activities, programs and competitions in 2018 with great results across the board. This year, we began a focus on inquiry learning, where we guided our students as they created deep level wonderings and reflected more on their thinking and how it was changing throughout the unit. Curiosity became a particular focus in Stage 3 which fostered a new excitement in learning for the teaching teams and for their students.

As always, leadership was a focus in Stage 3 with the buddies and service learning programs further developing the quality skills that exist amongst the boys. The leadership model changed for this year, where we are now offering the following nominated positions: Knox Prep Captain and Vice Captain, Social Justice Captain and Vice Captain, House Captain and the introduction of two Vice Captain positions for each house.

All Year 6 students in 2019 will now receive a 'black cap' at the conclusion of a peer meditation course and all boys will participate in a portfolio group in their nominated area. Portfolios areas include: Student Representative Council, K-2 playground helpers, environmental portfolio, tech crew, Library and many more. This new model will allow a greater number of students to develop their leadership skills.

The opportunity to challenge the inquisitive minds of Stage 3 was also provided through a diverse range of events such as UNSW ICAS Competitions, Mathematics Olympiad, Australian Mathematics online and the NSW Education Standards Authority 'WriteOn' competitions. The boys achieved exceptional results in these endeavours. Callum MacGown (Y5) was awarded first place Gold Award for his entry and was selected to read his entry at the 'WriteOn' awards ceremony. Callum has now received this Gold Award for all three stages in Years 2, 3 and 5 - an outstanding result. Harry Lin (Y6) received a medal for attaining full marks in ICAS Mathematics.

Knoxfest is a series of short films created and produced by groups of boys in each Year 5 class.



With the assistance of our author in residence, Mr Larkin, the boys scripted, performed, produced and edited their films. It was great to hear the laughter of the parents when these films were showcased and the delight on the boys' faces when they were presented was priceless.

Perhaps one of the greatest achievements for Year 5 this year was the achievement of all students completing the Premier's Reading Challenge. Reading is an essential skill and is the foundation of all strands of literacy.

Year 6 culminated the year with the musical production of *Seussical Jr*. The boys presented this performance with pride and enthusiasm and this was without doubt one of the best musicals performed at Knox Prep to date. To have all 171 students in Year 6 take part in this performance was an incredibly special moment and one the boys will remember for many years to come.

One of the areas of vital importance for Year 6 is to prepare the boys for what is to come as they enter the Senior School. The focus for staff for this year was to have the boys become more active in their time management skills as well as being able to confidently use their diary to ensure that they accurately record when homework is set and due. This is an area which Year 6 staff is eager to continue to develop with the boys in future years as preparation for the Senior School in Year 6 will allow for a smoother transition as the boys progress on to Year 7.

01 Stage 2 at camp

02 Year 6 presenting *Seussical Jr*

WAHROONGA PREPARATORY SCHOOL



Wahroonga Prep has continued to flourish with enrolments in all classes at or near capacity and waiting lists for some grades.

Academically our results have been outstanding. Justin Lim (Y5) was awarded the National History Challenge Prize NSW winner. Hai Yi (Becky) Qiu (Y3) was awarded the ICAS medal for the highest spelling result in Australia in the Year 3 ICAS Competition. Justin Lim and Tia Brown (Y4) were awarded Bronze and Silver medals in the NSW Education Standards Authority's 'WriteOn' Competition. In the ICAS English Competition, three of our students received High Distinctions and three received Distinctions. In the ICAS Maths Competition, two students received High Distinctions and nine students received Distinctions. For the ICAS Science Competition, one student received a High Distinction and two students received Distinctions. In the ICAS Spelling Competition, three students received High Distinctions and seven students received Distinctions. Two children in Year 6 were awarded scholarships for secondary school and several students were offered selective high school places.

Our wellbeing initiatives included teaching children about growth mindset (Carol Dweck) and 'You Can Do It' programs teaching the keys to success including perseverance, resilience, confidence, organisation and getting along.

Our children have competed in the Skellon Cup for Soccer (girls' competition), a new girls' Netball team was established and they play weekly, while three Basketball teams play in the weekly competition at the Brickpit in Thornleigh. Two girls

represented the School in the IPSHA Gymnastics competition in Rhythmic Gymnastics and Artistic events. Wahroonga Prep students also competed in the IPSHA Cross Country Carnival, Athletics and Swimming Carnivals.

Our Global connections expanded when we hosted 30 Delegates from China. 25 Principals and Directors of Education visited Wahroonga Prep to observe teaching methods and engage in educational dialogue. We continue to be a school of choice for many ex-pat families relocating from Dubai and the northern hemisphere. Our co-educational campus provides the opportunity for many children to continue their co-educational primary school experience before heading to secondary school.

Clubs and Co-Curricular offerings remain strong. New additions in 2018 include clay and modelling club, Readers Theatre and Drama, Girls Dance Club, Visual Arts, Science, Chess, French and Coding.

STEM subjects remain popular and all students K-6 experienced explicit coding lessons for three terms. Several staff remain active in the Northside Gifted and Talented Network and have prepared courses for the 15 schools involved. Wahroonga Prep students also participated in an archaeological dig, Maths Camp, Kids Teaching Kids environmental investigation, weekly Debating competitions and an intensive swimming program.

There have been school excursions to a reptile park, an Aboriginal reserve, a Coal Lander, the Opera House, a farm and a wildlife sanctuary. School Camp at Myuna Bay was popular for Years 3 to 6.



Our Pre-Kindergarten children have been immersed in the Reggio Emilia philosophy working on class projects of interest. They have investigated cities around the world.

The SRC has been ably led by Ms Gilholme. The children raised money for the drought by holding a Fiver for a Farmer Day. We participated in the 'Write a Book in a Day' raising much needed funds for the Cancer Council. A mufti day to coincide with this event also raised money as part of an IPSHA initiative.

Music is a core component at Wahroonga Prep. We have seven choirs and several children join the Gallery Choir each week and sing in special services with the Senior Knox boys. All children in Years 1 and 2 learn violin every week and our drumming group performs in Chapel. Chapel continues to be a highlight every week and the Chaplaincy Team lead a Crusaders group and weekly Bible study for staff.

A highlight for 2018 was our nomination as a finalist in Australia's Best Independent Primary School Australian Educator Awards. It has been another wonderful year for students, staff and parents as we continue to see Wahroonga Prep flourish. Our motto of 'Give Them a Strong Start' is alive and well.

01 Wahroonga Prep Presentation Day

02 The Gallery Choir performing at St John's Wahroonga

SUPPORTING THE CURRICULUM

LEARNING ENHANCEMENT

At Knox Prep, the collaboration between classroom teachers, learning support teachers, teachers' aides, specialist teachers and parents of students with specific learning challenges was a key feature of ensuring that student needs were met in 2018. Adjustments for individual boys were decided after discussion with key stakeholders and the agreed adjustments were implemented by all teachers making the curriculum more accessible for these boys. K-6 staff underwent specific training in the Disability Discrimination Act and the Disability Standards for Education to understand the importance of making adjustments to maximise learning for all boys.

In K-2, the InitialLit Foundation program was rolled out for the second year and the InitialLit-1 program was introduced for the first time. The teachers delivering this research-based program were excited about the positive gains students made in reading. Students with learning needs received individual, small group and in-class support depending on their literacy needs. The introduction of the MAP Growth assessment in Mathematics gave another layer of information assisting staff to personalise Mathematics programs. An additional Mathematics group in K-6 staffed by a member of the Learning Support Team helped to provide targeted teaching and more personalised delivery to all boys.

The Senior School Learning Enhancement Team diversified with the appointment of Coordinators for Stages 4, 5 and 6. A particular focus was professional development to assist subject teachers with differentiation and adjustments for students with particular learning needs. Our team of teacher aides supported students at all year levels within and beyond the classroom. The NAPLAN Literacy Co-Curricular intervention program was very successful in assisting students pass the minimum standards tests in reading and writing. Support was also offered to high potential learners.

The Knox Psychology Team worked closely with the Learning Enhancement Team to address changes in addressing students' learning needs according to the gathering of data required by Commonwealth Government criteria. Addressing the impact on learning of student diagnoses and personal challenges required working collaboratively with parents and the Total Fitness teams and mentors. Disability provisions were

trialled and formally approved for HSC by the NSW Education Standards Authority. Group handwriting interventions and individual speech pathology sessions continued to be offered.

Mrs Anne White, Head of Learning Enhancement, retires having enjoyed over 13 years in the Learning Enhancement Department. In other staffing news, Mr Tom Biddle and Mrs Vanessa Casarotto move from Knox to new positions in 2019.

INFORMATION SERVICES

The 2018 Children's Book Week theme, 'Find Your Treasure' was a wonderful platform for many K-6 activities, including treasure hunts around the Knox Prep campus and unlocking the code to a treasure chest. The boys were treated to three outstanding author visits throughout the week; Louise Park, Jacqueline Harvey and Mick Elliott. Louise talked to the boys about her journey to becoming a children's author and the importance of researching prior to writing. Jacqueline Harvey shared stories of her childhood and her aspirations to become a writer. She spoke of her favourite teacher at school who made school fun and inspired her to become a teacher. Jacqueline told the boys that, to be a good writer, you need to learn how to tell a good story. Mick Elliott entertained students with stories that have given him inspiration for writing books, TV shows and commercials, and surprised the boys with the amount of time it takes to actually write and produce a book. He reassured students that when writing, you need to draft numerous times in order to produce writing of a high standard.

This year's Book Character Parade was the first K-6 Book Week event and the spectacle was a credit to our boys and their families who put so much effort into their costumes.

The annual K-6 Literary Day saw the Knox Prep auditorium transferred into a bookshop with a large range of books available for purchase and donation. Thank you to our Knox community who kindly donated over 80 books to Enngonia Public School.

The McKenzie Library (Years 7-10) welcomed two new members of staff; Teacher Librarian Ms Manevtsova and Library Assistant Mrs Koopman. Opening hours were extended until late in the afternoon to accommodate students who want to complete homework or to read quietly while they wait for transport home.



The Weeks Senior Academy (WSA) Library contributed to the success of our Years 11 and 12 students by providing an environment conducive to effective individual and collaborative study. Under the care and guidance of our Senior Study Supervisor, Ms Carroll, boys develop their skills of self-regulation and time management to really utilise the facilities and services to their full advantage in preparation for assessment tasks and exams.

This year, both Senior Libraries introduced a new look webpage to make accessing the School's vast range of quality print and online resources quicker and easier.

CAREERS

The Knox Careers Education Program is a comprehensive career development program for students from Years 10-12. It involves developing students' capability to plan and make informed decisions with regards to post-school options and to enable effective participation in working life.

The Year 10 Careers Education Program, administered by Career Avenues, was completed over two terms. Based on the principles of Positive Psychology, Career Avenues assisted students to discover more about themselves and to use this information to kick start their career exploration process. Through career profiling and career counselling, students were given the opportunity to explore how their aptitude and personal strengths aligned with their career interests, which assisted students with their Year 11 subject selection decisions. Students and parents found this to be a very fulfilling and informative process.



The annual Knox Careers Night held on 28 May was attended by over 600 people from the Knox community as well as students and their parents from local high schools. Presented as a careers expo, over 65 exhibitors including the Universities Admissions Centre, major universities, tertiary institutions, colleges, academies and professional associations were in attendance. This event gave our students and members of our local community the opportunity to directly access information on various degrees, courses and career pathways available. This annual school event will continue to be an important part of the process to broaden the students' understanding of the association between subject choices, further education and careers.

In conjunction with the OKGA, career industry breakfasts were held in the areas of business, engineering, law, medicine and allied health, and creating a LinkedIn profile. Students and their parents from Years 11 and 12 were given the opportunity to hear from an industry guest speaker followed by networking with alumni to learn more about their industry and pathways. This event was a great opportunity for our students to connect with Knox alumni and receive important career advice from those currently in the industry. The strong connection to Knox alumni provides our students with the invaluable opportunities to network and receive mentoring support.

The transition from school to work is an integral part of the Knox Careers Education Program. Students from Years 10 and 11/12 were given the opportunity to learn about work skills and preparation including job seeking, employability skills, resumes, job applications, interview preparation and social media profile. Students were encouraged to develop a resume, whether it be for

casual/part time employment or for future cadetship and scholarship applications. To prepare our senior students for cadetship and scholarship interviews, lunch time seminars were held to assist students with their interview preparation.

Throughout the year, our senior students had access to various information sessions to connect tertiary education with career choices. Events such as employer and university seminars, US and UK education and pathways, UCAT information evening, seminars on Co-Op scholarships, cadetships and early entry schemes, were an invaluable source of information. Presenting on Macquarie University's Global Leadership Entry Program was well received and highlighted the students' motivation and interest to make informed decisions about their career options.

Working closely with boarding staff to deliver information sessions to Year 12 Boarders on topics such as making career decisions and applying for university was a strong focus throughout the year. Taking a positive and active approach to career development assists students with self-discovery and self-evaluation, equipping them with the skills they will need to manage their careers throughout their lives.

ICT INTEGRATION

PREPARATORY SCHOOL

At the Knox Prep campus, the boys are provided with 1:1 iPads or MacBook Airs and a targeted set of software applications to meet and extend their capabilities as self-directed learners. The Prep Innovation and Technology Team plays a pivotal role in driving optimal student learning through promoting the effective integration of technology and related innovative pedagogy across K-6. This approach promotes best practice and an innovative approach to technology adoption in classrooms that is contextual, purposeful and in alignment with the School's learning framework.

Through this technology students learn to use technology effectively and appropriately to access, create and communicate information and ideas, solve problems and work collaboratively in all learning areas at school and in their lives beyond school. ICT involves students learning to make the most of the digital technologies available to them, adapting to new ways of doing things as technologies evolve and limiting the risks to themselves and others in a digital environment.

Changes in the NSW Education Standards Authority's Primary Curriculum this year have further validated the importance of a strategic focus on Digital and Design Technologies. There is now a compulsory focus on students designing and producing solutions to identified needs in society. Along with this change has come a focus on developing skills such as following, modifying and creating algorithms, specifically in the context of digital systems and controlling digital devices.

The strategic intent of the technologies framework at Knox Prep seeks to enable the following:

- Students to be active, creative producers of technology and technological solutions, rather than passive consumers. To also be informed, discerning users of a variety of ICT platforms.
- Allow staff to implement inquiry, project and problem based learning scenarios to build authentic future focussed skill sets. To also cater for wide diversity of student abilities and interests.
- To provide a platform for students to experience equity in accessing authentic practical projects, including emerging technologies to invigorate STEM learning in K-6.

With a vision of developing students with flexible and adaptable skill sets, and ones who will be ready for the shifting careers in 2030, Knox Prep has undertaken research around how to most effectively deliver activities which will develop skills around innovation, entrepreneurialism and a deep technological expertise. There has been overwhelming demand for the current Prep School initiatives in this area so we are trialling partnerships with established industry mentors, Scope IT and Bricks 4 Kidz, specifically in the areas of coding and co-curricular robotics.

Congratulations to the Year 6 student team who won the State STANSW Young Scientist Competition with their project 'EasySleep'; a programmed electronic device.

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- 01 The Years 8 and 10 Future Problem Solving National Champion teams
- 02 STEAM Day at Knox Prep

In 2018, we have further invested in cutting edge technologies to create and deliver experiences in Virtual, Augmented and Mixed Reality. The Knox Prep VR fleet consists of 24 standalone ClassVR digital headsets which have been designed for students of all ages. To allow higher order creativity all students of the Prep campus have undertaken projects using CoSpaces Edu. This software platform is an intuitive educational technology enabling students and teachers to easily build their own 3D creations, animate them with code and explore them in Virtual or Augmented Reality.

SENIOR SCHOOL

Knox continues to develop its use of video conferencing technology to broaden the perspectives of our students and expose them to different ways of thinking and working. The global Knox student will be immersed in projects that are focused on authentic global issues.

This year Knox began a collaboration with the One Planet Education Network (OPEN) organisation. In conjunction with OPEN, we are making connections with schools throughout Africa and the United States to work on projects such as sustainable agriculture. The aim of OPEN is for students around the world to work collaboratively to investigate solutions to authentic world issues.

Students are working with peers from nine countries around the world on two authentic world issues:

- CO2 sensors and the Internet of Things (IoT). This project sees Year 7 students collaborating with schools in Kenya, Hawaii and New York, using mobile internet backpacks to disperse CO2 sensors around an active volcano and then uploading the data for analysis into the cloud.
- Sustainable Agriculture: working collaboratively with schools in West Kenya Bungoma County Farm region, Hawaii, Liberia and USA, Knox students are designing and monitoring two separate food agriculture plots to grow sweet corn and bush beans. Data gathered from all these plots will be analysed to help students in Kenya with their crop production.

Technology plays a role not only in data collection, but also in the way participants are able to communicate and collaborate. Students are engaging with each other, learning about their cultures and analysing data using tools such as Edmodo, Zoom and Google Docs in designated global learning hubs.

The use of Virtual Reality (VR) and Augmented Reality (AR) in the classroom is an avenue that many

schools and organisations are exploring. Virtual and augmented reality is able to provide immersive and engaging experiences that allows learning to take place beyond the four walls of the classroom. VR can make teaching abstract problems more concrete and learning practical skills more engaging.

Creating VR content is now possible and quite easy. Providing students with creative immersive content empowers teachers to drive engagement and understanding of new concepts. For example, in Year 12 Geography students were able to re-immers themselves into field trips completed throughout the year. While in Year 7, students were able to use VR experiences to help them research new concepts in Geography and develop experiences of their own.

ICT SUPPORT

APPLE DISTINGUISHED SCHOOL

In 2018 Knox was again awarded the status of Apple Distinguish School. This status is a reflection of the level of innovation and integration of technology into the curriculum at Knox. Across K-12 we were required to demonstrate exemplary learning, leadership and evidence of student success. We continue to work with and learn from other schools in this program.

INFRASTRUCTURE

As Knox continues to grow, our aim is to ensure a consistency of experience for all our students and staff across the three campuses. The recent installation of 'Dark Fibre' between all three campuses has meant that from a network perspective, we are now effectively one campus. This will lead to an improvement in all IT services with faster response times and more robust backup and disaster recovery procedures.

Our installation of a Professional Learning Suite was completed this year and equipped with Zoom video conferencing facilities that have allowed some amazing experiences for both the staff and students. The highlight of the year was a collaborative video session with 14 other schools and organisations, led by a ranger live on the edge of a volcano in Hawaii.

Other audio visual upgrades have been installed throughout the English Department and Wahroonga Prep.

The security and integrity of our data is always paramount and we continue to have external auditors and consultants validate our methods and procedures. Data breaches are common in the media nowadays and we continue to educate staff



and students on best practices around ensuring the privacy of their information, good password management and how to spot and deal with social engineering attacks, often referred to as phishing.

1:1 PROGRAM

In 2018, new laptops in Year 7 and Year 10 were bundled with a three year insurance policy as well as the standard Apple Care three-year warranty. This has worked well and eased the burden on families where there has been a case of accidental damage not covered by the warranty. This will extend to laptops issued in 2019 for Year 7 and Year 10 students. The insurance policy will cover accidental damage, spillage and theft (with visible signs of forced entry), subject to a \$200 excess payable by the family for each claim. Multiple claims are allowed up to two times the insured cost of the laptop.

COMMUNICATIONS

One of our aims was to improve the user experience on our mobile platforms. This saw the introduction of the 'mobile responsive' version of Parent Lounge which has led to a more user friendly experience via a mobile phone.

Many of our processes rely upon the synchronisation of data between systems and the ability to consistently identify the end user. The most common form of identity management relies upon a unique email address for each person and as such, we encourage parents to access the Parent Lounge on a regular basis and ensure their contact details are current and correct.

SERVICE DESK

The Service Desk is open throughout the year, including school holidays except between Christmas Eve and New Year's Day.

01 The Knox Tech Crew ran live streaming for Presentation Day

BEYOND THE CLASSROOM



SPIRITUAL LIFE

In 1924 Knox Grammar School was founded by a group of strong Christian families who had a passion to provide boys with a good education based on their Christian faith. Ninety-four years later, 'faith' continues to be the foundation on which we build our School community. Our Total Fitness program acknowledges and nurtures the spiritual welfare and growth of our students and staff.

The School's Strategic Direction for 2018-2022 names as one of its aims a commitment to 'Supporting the spiritual growth of each student through Uniting Church faith and leadership.' Our chaplaincy team takes this commitment seriously.

Our School now has three chaplains who oversee the spiritual wellbeing of the Knox community. Rev Peter Robinson, Rev Tim Robinson, and the recently commissioned Pastor Maxwell interact with our boys and girls over our three campuses.

Pastor Maxwell is transitioning from a part-time Christian Values and chaplaincy role to working as a fulltime chaplain in our School. She has had a dynamic impact in our Knox Prep and Wahroonga Prep communities.

The chaplains offer pastoral care to staff, students and their families. They work closely with the Total Fitness committees of each school year, and are part of a great team of people who offer support and care to the students.

In the Senior School, we conduct Year Chapel Services for each of our cohorts once a fortnight. This is a special time of worship. The boys sing heartily, pray together and receive a bible message that encourages and strengthens the boys in their faith.

The chaplains are fortunate to have a great team of musicians and singers to assist them.

On occasion, we have wonderful whole of Senior School worship assemblies in the Great Hall. This year we have been fortunate to have some special guests who spoke to our students about faith. Former Wallabies Captain Nick Farr-Jones spoke to the boys about his Christian faith and inspired us all in our walk with God. At this chapel service, the whole service was led by our Faith and Spirituality Prefects and the music was presented by a student worship band. It was a truly amazing experience.

In Knox Prep our boys now have meaningful fortnightly chapel services, daily morning prayers, messages at assembly, and special end of term chapels. There is also a dynamic CRU fellowship group for our students which meets each week.

The chaplaincy team is also strongly involved at Wahroonga Prep. Chapel services are held for the whole school and parents each week throughout the term. It is a time of great music, lots of fun and encouragement. There is also a growing and very active CRU Group that meets weekly at lunchtime.

We have a wonderful team of Christian values teachers that conduct classes with all students at Wahroonga Prep and Knox Prep. They work closely with the chaplains and make a vital contribution to the life of the Schools and the children.

Our Chapel Prefects for 2018; Karlon Tse, Mathew Hilderbrand and Ben Buchanan provided great student leadership in chapel services and the CRU Group in the Senior School. The Chapel Prefect portfolio is a key area in the life of our School in pursuing our faith commitment. Here we have the

platform for students to be given the opportunity to develop and express their faith and lead others on their faith journey. Of such importance is the role of Chapel Prefects, the name of their portfolio has been changed to 'Faith and Spirituality Prefects'. This reflects the fact that our prefects have an important role that reaches far beyond just chapel activities. The prefects were ably supported by the Chapel Prefect Leadership Team with representatives from Years 9, 10 and 11.

The growing CRU Group in the Senior School meets weekly and is a source of great support and encouragement to boys who are seeking to live out their Christian lives in a school environment. This year some of our Christian student leaders attended the Global Leadership Summit. The Global Leadership Summit is a two-day event featuring world class speakers, along with live worship, music, and drama created especially for leaders.

Two of our chaplains also accompanied students to TEAR Australia's 'Justice Conference' in Melbourne. This is a life changing Christian conference that looks at ways we can change the world for the better and fight against injustice.

Our chaplains have a wonderful relationship with our Knox boarding community and they have enjoyed leading special Boarders' Chapel services in our chapel each term. Our chaplains enjoy visiting the boarding houses to spend time with the boys. Rev Tim has conducted Christian study groups in the boarding house throughout the year that have encouraged our boarders in their faith journey.

This year the chaplains have initiated Bible study Groups each fortnight at Knox Prep and Wahroonga Prep. These are well attended by staff and are an important place of nurture and fellowship for them.

The Knox Chaplaincy Team continues to strive to make Knox a place where boys can thrive and grow in their faith.

01 Boarders' Chapel in the William McIlraith War Memorial Chapel being led by Rev Peter Robinson

KNOX TOTAL FITNESS

This year Total Fitness saw both an expansion of its role in the School as well as a continued focus on the individual experience of our students.

Leading much of the key areas of growth has been the Total Fitness Strategic Committee formed by Headmaster Mr James, to ensure that Total Fitness is representative of the five core values. Out of this group has grown a clear definition, tag line and aims which will serve as directive for this integral component of the Knox experience. They are:

DEVELOPING THE WHOLE PERSON: FIT FOR SCHOOL. FIT FOR LIFE.

Definition

Knox Total Fitness nurtures and celebrates the development and wellbeing of the whole person by committing to the interdependence of academic, social and emotional, spiritual, and physical fitness.

Knox Total Fitness aims to:

- Proactively support and develop the wellbeing of the whole community.
- Ensure every student works to realise their own personal strengths and purpose.
- Equip students with the skills and habits required to thrive and live a virtuous life.

Out of this strategic direction we have seen the growth of the Total Fitness team to include a Director of Wellbeing K-12, Ms Pooley, to lead the employment of our school psychologists into a proactive space with the whole school community. This has seen immediate positive benefits by broadening the evidence-base in the Senior School mentor program that aligns to the research regarding key social and emotional development needs of our students.

At Knox Prep, there have been some exciting initiatives this year. There was considerable effort looking at how to align the work of Martin Seligman and Chris Peterson regarding character strengths with the School's five values with a look to make this a core component of the Prep experience.

Another initiative in the primary years was the roll out of mindfulness at both Knox Prep and Wahroonga Prep. Knox Prep allocated time in the day for all students to include the power of mindfulness in their day and the Wahroonga Prep staff had the opportunity to spend two days with Smiling Mind learning about the benefits and the 'how to' of mindfulness.



With the future of Total Fitness focused on the individual wellbeing needs of our students, in an initiative piloted at the end of the year, boarding students had a wonderful opportunity to experience a strengths-based reflection and coaching activity aimed at setting personalised goals based on their self-identified strengths in key areas of positive psychology.

For staff, there was the creation of an exercise and yoga program that was piloted at the start of the year and will continue into 2019. This will run in conjunction with a professional development program developed and delivered by the Australian Positive Psychology Institute which will provide a wealth of opportunities for staff to learn about the science of wellbeing that is aimed at both improving their practice and the quality of their lives.

STUDENT LEADERSHIP

At Knox the wide range of student leadership roles available provides all boys with opportunity to be involved in or lead a student leadership team. We recognise that leadership skills are not limited to leadership roles but provide all boys with the opportunity to explore and use their personal strengths, work in teams, recognise and appreciate the strengths and views of others whilst serving the school community.

The Year 12 School Prefects continue to provide outstanding leadership for all students across all areas of the School. The continuation of the Prefect led Student Assembly in 2018, which is conducted each Friday morning, has established the opportunity for a genuine student-led forum. The School Prefects are able to create agendas which:

- Highlight the achievements of students and teams.

- Provide opportunities for junior students to speak to a large audience about school activities, personal involvements and upcoming school events.
- Showcase various musical and drama items.
- Provide the opportunity to teach school war cries.
- Highlight co-curricular opportunities across the School.
- Address academic matters.

The Macquarie University Leadership Certificate Program was again conducted for Year 11 students from Knox and Ravenswood through the University's Future Students team. This bespoke program provides students an experience of university programs through participation in many similar Global Leadership Program activities, including specialised workshops and speaker events (run by experts in their field) on topics such as leadership, climate change, and Indigenous issues.

The Peer Support Program for Year 10 students continues to play a key role in assisting in the successful transition of Year 7 boys from Prep/Primary School into the Knox Senior School. Peer Support also provides the Year 11 boys with the opportunity to take on a caring and supportive leadership role that contributes to the positive culture within the School community.

The Year 12 CAS Leaders' Day was again hosted at Knox in 2018 and proved to be another very successful day culminating in a Chapel service hosted by Rev Tim Robinson.

The Portfolio Leadership Teams, led by the Year 12 Portfolio Prefects, continue to provide opportunities for Years 7-11 boys to participate in and contribute to school activities in the following portfolio areas: Academic, Boarding, Co-curricular, Community, Faith and Spirituality, Social Justice, Sport and Student Leadership.

The Year Committees for boys in Years 7-11 continue to strengthen their involvement in leading the weekly year meetings, student initiatives and needs representation, as well as the planning and management of many aspects of school formals.

NEXT GENERATION BOARDING

We are very proud of our Knox boarding community, whose boarders come from a wide variety of educational contexts, so our pastoral, academic and wellbeing support for boarders, on an individual level, underpins all our efforts. The result of continued HSC and personal success, both local and overseas, is a marvellous achievement.



This year we provided the opportunity for 30 of our Year 12 boarders to stay in the Senior Boarding Centre over the September holidays in preparation for their final HSC examinations. This proved to be a huge success for those boys involved, who followed a school-day study routine, supported wonderfully by academic tutors and Boarding staff. A key strength was enabling these boys to work in study groups and to motivate each other. This space provides a unique study culture, promoting collaborative learning and support for one another.

To assist and support Knox boarders to achieve their full potential in every facet of school life, our 'Whole of Life' programs continue to mature and develop. These programs aim to develop leadership, independence and social skills with an emphasis on the physical, emotional, academic and spiritual wellbeing of all boys in the Knox boarding community. We continued to develop new programs, such as the successful 'ConneXions' Urban Challenge camps. Through the positive feedback and encouragement from our Boarders' Leadership Group, all stages experienced these camps to build upon and support our boarding culture, so we may enable opportunities for our boys to further integrate and make those important connections and relationships with one another, to help them become better global citizens.

One particular focus is Social Justice and the boarders have taken on leadership roles such as Year 11 Academic Mentors supporting the Stage 4 Boarders with their study during the week, and community support of activities such as RUOK? Day, White Ribbon Day, Red Shield Appeal, Legacy Week, St Edmund's School, Hope Street visits and the Sony Children's Holiday (ABBOX) Camp. Knox boarders have the opportunity to give back and develop their appreciation of issues and disadvantage as it exists in our local community.

This year we were excited to introduce for our Year 9 boys the 'Interact Club'. This club works in close partnership with the Rotary Club of Wahroonga. This program has been a wonderful success with 18 of our Year 9 boys taking part each Friday afternoon and working closely with PLC Boarders to support local Social Justice community-based programs such as 'Street Works Fun Day' and 'PCYC' at Hornsby during Term 4.

Our very successful 'Immersion Program' continued this year for our international boarders, immersing them for two days each week into their new surroundings at Knox, through experiences in academic classes, mentor groups, intensive English classes, sports sessions and cultural outings; whilst they study intensive English externally. In addition, the experience gained from living in the Boarding House for the last four weeks of term provided these boys with a wonderful transition into boarding life in preparation for their start in 2019.

After our Year 12 graduates depart in Term 4, we ran for the second time the very successful transitional move for our 'new' Year 12 boys who moved into the Senior Boarding Centre and into Level 5 of the Knox Boarding Centre (KBC). Our Year 10 boys moved into Gillespie Heritage House and into Stage 6 and our Year 8 boys moved into Stage 5 onto Level 3 of the KBC. These four weeks allowed our boys time to adjust to the new routines they will experience in 2019 as well as interact with 'new' staff. The feedback has been overwhelmingly positive and will make a huge difference for the boys settling into next year.

Knox Boarding is a place where the boys may relax and discover a balance between academic rigour and their co-curricular activities, a place to recharge their minds and bodies and make new friendships, as they move through their school years.

THE CADET UNIT

2018 saw a strong start to the Cadet year, with 68 staff and 1,000 cadets throwing themselves into a thorough training program in preparation for the Annual Field Exercise (AFX). This year's AFX was a challenging experience. Hot conditions added an extra dimension to an exhilarating camp and the cadets rose to the challenge. The Company Commanders were outstanding in their leadership and initiative, providing a stimulating program of activities throughout the week.

In Term 2, we welcomed His Excellency General, The Honourable David Hurley AC DSC (Ret'd), Governor of NSW, as the Reviewing Officer for the ANZAC

Memorial Service. The Governor was most impressed with the prowess of our cadets as they paraded in spectacular conditions. Guests included dignitaries from the Australian Army Cadet HQ and Commanding Officers from neighbouring School Based Cadet Units. This traditional parade continues to be a favourite with cadets and parents alike, and an excellent opportunity to see the respect our cadets have for the solemnity of the occasion.

Term 2 concluded with Dining-In Night and Passing-Out Parade, where we recognised the extraordinary contribution our Year 12 cadets made to the Unit over their four years. The dedication and discipline demonstrated to younger cadets is what inspires our recruits to nominate for promotion. Our leaders' ability to devote so much of their time, whilst excelling in academic and extra-curricular commitments, is exceptional, and the emotion displayed on their final evenings reinforces the importance the Cadet Unit to their Knox lives.

Competing in the CAS Drill Competition in Term 3, saw an unprecedented fifth win for Knox. Additional success in field activities saw eight of our senior cadets awarded the Adventure Training Award, the highest accolade a cadet can wear on their uniform. A team of 16 cadets also went to Holsworthy to compete in the CAS Military Skills Competition where they enjoyed much camaraderie with cadets from the other schools.

The Unit continues to grow in posting strength and we head into 2019 with fresh plans, new staff and an enthusiastic team of cadet leaders. We look forward to seeing our Knox and Ravenswood cadets continue to develop and thrive.

CO-CURRICULAR ACTIVITIES

Our Co-Curricular program continues to be an important part of life at Knox, providing our boys with opportunities to develop new passions and extend themselves beyond the classroom.

Opportunities include:

- Cadets - The Knox Cadet Unit includes students from Ravenswood School for Girls and is the largest cadet unit in Australia.
- Chess, Computer, CRU, Robotics, Science and TAS clubs.

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01 2019 Senior Boarder Angus McHue (left) and 2018 Senior Boarder Noah Derwent (right)

02 SUO Michael Gee and 2IC Ashleigh Nicholls oversee the ANZAC Parade 2018

- da Vinci Decathlon Programs - Knox hosts the State and National Championships for the da Vinci Decathlon. These programs offer students the opportunity to excel and compete with students from all over Australia and to challenge themselves on an academic stage.
- Duke of Edinburgh - comprising three levels (Bronze, Silver and Gold), the Duke of Edinburgh International Award requires the completion of four sections at the following levels: Service, Skill, Physical Recreation and Adventurous Journey.
- Global Exchange Program - Students in Years 9 and 10 are provided with opportunities to do an exchange with students from other schools. Students currently exchange with boys from Argentina, Canada, New Zealand, South Africa, the UK and the USA.
- Future Problem Solving (FPS) - Students in Year 10 are provided with the opportunity to compete in the FPS state and national programs and also if successful, travel overseas to compete in the International FPS Championships. In 2018, a Year 8 team and Year 10 team both qualified to attend the national competition in Melbourne in October. Both teams were National Champion teams for their Action Plan presentations and the Year 10 team were placed fourth in the Global Issues team booklet.
- Grammarian Committee - a group of students (normally across Years 10 to 12) who assist in compiling information and preparing the school year book to reflect the year that was.
- Knox Academy of Performing Arts - (KAPA) encompasses Co-Curricular Dance, Music and Drama with opportunities to tour overseas, compete in the Sydney Eisteddfod, State and National Band Championships, the Knox Battle of the Bands as well as the Junior and Senior Musicals.
- Oratory Programs - Debating, Mock Trial, Mooting, Public Speaking and Toastmaster. Debating is done from Years 7 to 12 with Knox competing in the ISDA and FED competitions in Terms 1 and 2 and the CAS competition in Term 3. Knox also runs its own Knox Debating Cup for Years 7 to 9. Mock Trial, Mooting and Public Speaking programs are offered to students who show an interest in Years 9 and above. The Toastmaster program is run in conjunction with Turramurra Toastmasters for Year 10 students.
- Pipes and Drums - The Knox Pipes and Drums was established in 1946 and successfully competes at many district, state and national

competitions. It also plays at many local events and the traditional ANZAC Day Parade in the city as well as the traditional Knox events such as its own Knox ANZAC service, Gala Day and Passing-Out Parade. It is open to students at Knox Prep and Senior School and provides both group and private lessons. In 2018 the Pipes and Drums won the Grade 4 division at the National Championships held in Brisbane in April. This competition is an open adult grade and it is only the fourth time in the history of the Pipes and Drums that Knox has won.

- Service Learning Program (Community Service) - Years 7 and 8 attend seminars to introduce the concept and expectations that Knox has of its students with regards to giving back to the community. Year 9 students receive more information and opportunities to start to support the Social Justice programs that Knox supports. This all culminates with students in Year 10 undertaking 15 hours of service in their own time.
- Social Justice - Knox offers opportunities for students to be involved in supporting many causes as well as direct support of Indigenous and overseas communities. These include RUOK? Day, White Ribbon Day and trips to Enngonia, Cambodia, Papua New Guinea and Vanuatu.
- Tech Crew: The Knox Tech Crew (KTC) was established in 2012 for students interested in the field of Audio Visual Technology. Designed to allow the students to exhibit their leadership as well as technical skills, the KTC combines theory with real world practical projects that have the potential to lead to further career paths. The students learn through action with an emphasis placed on knowledge sharing. As part of the KTC, the students have the opportunity to play a role in providing the necessary AV support for many areas of the School.

PERFORMING ARTS

In a time where student enrolment continues to grow, increasing numbers of students are electing to become involved in Co-Curricular Performing Arts Activities within the Knox Academy of Performing Arts (KAPA) program.

We firmly believe there is a place and opportunity for every boy to actively participate and engage in their artistic and/or musical pursuit, with opportunities available across instrumental ensembles, private lessons, choral programs, contemporary music studies, music theatre, dance, drama club, theatre sports and speech and drama.

Currently, KAPA provides weekly opportunities for in excess of 700 boys in the Senior School across 73 rehearsals and activities each week, with additional growth planned for 2019.

During 2018, our boys were presented with in excess of 390 performance opportunities, yet again increasing the performance output from 2017, encompassing solo, small group, chamber, large ensemble, rehearsal workshops, masterclasses, AMEB, IMEB & Trinity College examinations, several recording projects, Knox Service commitments, major 'large-scale' productions and an international performance tour to Spain and Portugal.

Our Knox boys have been seen and heard performing on stages at Knox, within the community, at leading festivals and eisteddfods, in recording studios, on CDs, DVDs and downloadable links, on films, major School events including ANZAC Day, Knox Battle of the Bands, Gala Day, retiring Headmaster Mr Weeks' Farewell, Christmas Assemblies, the Knox Senior Musical - *Pirates of Penzance* and Years 7-9 Musical *The Wiz* and Presentation Day ceremonies - just to name a few.

Additional highlights for 2018, included a string of specialised Rehearsal Days, 17 performances across the Sydney Eisteddfod Season, master classes with 'world renowned' international guest clinicians, NSW State Band Championship success across multiple divisions, inaugural winners of the Fine Music Jazz Combo competition, finalists in the Theatre Sports Challenge, collaboration between our KAPA and Music Curriculum with our annual Meet the Symphony Orchestra incursion, Knox Flix Film Festival, Celebration Sing Out, Community Chamber Music Concerts at Neringah Hospital, Knox Band Festival, recognised Australian Premiere performances, Knox In Concert Showcase and SWE Spain and Portugal Tour, inclusive of seven concert performances and joint masterclass with the Spanish Armada Band to conclude the year.

Our peripatetic Music, Dance and Speech and Drama tuition programs continue to provide outstanding opportunities for boys to actively engage and excel in their chosen craft through tuition and performance events that support both KAPA and Curriculum Music programs. Over 140 students successfully completed Australian Music Examinations Board (AMEB & Rockschooll), International Music Examinations Board (IMEB) and Trinity College of Music London examinations, inclusive of grade examinations and the successful attainment of professional Diplomas.



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With the new Performing Arts Centre/Junior Secondary Academy in the final stages of completion, our entire KAPA community of staff, boys, parents and families are thoroughly excited for the future in this world class facility. With a 700-seat theatre, fly tower and orchestra pit, 220 seat intimate performance theatre, dedicated rehearsal and learning spaces, recording studio, private studios, galleries and more, our KAPA community has a great deal to look forward to!

Once again, the creative talents, skills, commitment, passion, enjoyment, dedication and endeavour that our KAPA boys demonstrate, have directly resulted in the affirmation of a true cultural identity that is unique to Knox.

KNOX SPORTS ACADEMY

The Knox Sports and Aquatic Academy has provided a wonderful opportunity for all students to enjoy a healthy, fun, sporting experience throughout 2018. The Academy strived to ensure each and every student and coach were given the opportunity to shine in their sport of choice.

The highlight of Term 1 was the performance of our swimmers attempting to go back-to-back at the annual CAS Swimming Championships at SOPAC. It was another intense battle with rivals Trinity Grammar, in front of a huge crowd and once again came down to

the last few relay races. Our Knox team prevailed and were awarded the Thyne Challenge Shield for the 31st time. Other highlights of summer 2018 were the school Track and Field Championships as well as the efforts in the pool of our Waterpolo squads, the Surf Lifesavers, and our state Sailing victory in Canberra. The list goes on and we are all very proud of every student that wore the black and blue.

The winter 2018 season was another positive experience with the Rugby squads enjoying a pre-season draw against GPS friends St Joseph's College, King's, Shore and St Ignatius' whilst one of the highlights was the trip to Bathurst in Term 1 to play St Stanislaus' College. The Footballers also enjoyed the regular Home and Away CAS season with the 1st XI pipped at the post with a draw in the final game to secure second position. A real highlight for the Football squads was the Opens tour to South America to experience Football like never before. The AFL continues to grow and build strength across the Independent School sector with all CAS and GPS schools now committed to a competition. The real highlight for the AFL was the Prep team securing the Paul Kelly Cup for the second time. Our Tennis teams also enjoyed another successful season across all ages with a phenomenal win/loss record while our 1sts won the CAS winter competition.

This year saw the launch of our PEAK program (Pathway for Elite Athletes at Knox). We are particularly proud of the 30 boys inducted who are now working hard with their mentors to assist the elite athletes dreaming of a career in their chosen sport.

SOCIAL JUSTICE

Social Justice at Knox offers many opportunities for students to be involved in supporting advocacy via specific support for local partnerships such as The Red Shield Appeal, The Kuringgai Chase Fun Run, StreetWork; Legacy, The Sony Foundation ABBOX Camp and Daffodil Day. We also have many long term partnerships with regional, indigenous and overseas communities such as Enngonia, Cambodia and Papua New Guinea.

There are two Social Justice Clubs across the Senior School: The Junior Club for Years 7 and 8 which provides leadership and members working closely with projects at Knox Prep and the Senior Social Justice Club which supports the junior students and leads initiatives across the School and local community.

The Social Justice Prefect Leaders mentor younger students and are offered opportunities to learn about advocacy, for example, attending the TEAR Australia Justice Conference.

Our Knox Indigenous Program is approaching its tenth year. We are proud of our partnerships with many communities over this time and of the courageous young men in our program. The boys and their families have enriched our School by sharing their culture and histories and our links with the local community who support our boys and nurture our knowledge and understanding of their rich Aboriginal culture. Our partnerships with Australian Indigenous Education Foundation and the Go Foundation further help support this program.

Our Knox Service Learning program enriches the experiences of our boys as they develop an understanding of servant leadership and immerse themselves in a myriad of experiences across the community. All year groups participate in Service Learning, with the Year 10 program more structured and formal in the boys' participation and experience.

OUTDOOR CHALLENGES

Outdoor Education is the area which is best placed to teach self-reliance, interdependence and leadership, the development of an adventurous spirit, managing personal risks, safe journeys in nature, the value of lifelong outdoor recreation for enjoyment, health and wellbeing, understanding nature through direct experience and studying, and for developing deeper human-nature relationships.

Outdoor Education is uniquely placed to deliver a range of positive learning outcomes by:

- Providing direct personal contact with nature (the outdoors) in ways that promote enjoyment of outdoor activity and nature. Such enjoyment can be the basis for ongoing outdoor recreation through the life span of the student
- Developing competence and safety management in the Australian outdoors - for all Australians, and being especially relevant for those in urban settings or born overseas
- Enabling socially critical perspectives on human to nature relationships through the provision of alternate lived outdoor experiences that assist students to reflect back upon less healthy aspects of their everyday living.

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- 01 Symphonic Wind Ensemble being conducted by Mr James Brice
- 02 Congratulations to the Knox Prep AFL Squad - winners of the 2018 Paul Kelly Cup for the second year in a row
- 03 Mr Tim Felton, White Ribbon ambassador and Knox English teacher, with Year 11 boys

The 2018 camps were again conducted in the same locations as in 2016 and 2017 with ongoing changes to the camp programs being made in response to student and leaders' feedback. The sequence of camps currently meets the outdoor education programs aim of providing the boys with a wide range of outdoor experiences and challenges in three very different natural Australian environments as well as preparing the boys for life's challenges and providing a firm foundation for greater success and achievement in the compulsory cadet camp in Year 9.

YEAR 7 CAMP

– BEROWRA VALLEY NATIONAL PARK

Whilst on camp, the boys camped out in two and three-man tents and under close supervision, cooked for themselves. The boys were able to complete activities such as rock climbing, canoeing, mountain biking, rogaining, challenge exercises and riding the giant flying fox. The students were also provided with a firm grounding in the fundamental skills in each of these activities. New friendships were made, and old ones built upon throughout the week. The Year 7 camp provided the ideal opportunity for the positive formation of the mentor group that the boys will be in for their time at Knox.

YEAR 8 JOURNEY

– MURRAMARANG NATIONAL PARK

The program, 'Discovering Murrumbidgee', again proved to be an enjoyable and appropriately challenging outdoor experience for the Year 8 boys. The boys were divided into groups of 15-16 students and spent five days and four nights journeying on foot through the picturesque Murrumbidgee National Park. This year surfing, snorkelling and fishing were impacted by unusually large surf conditions. Modifications were made to the program allowing these activities to continue. The kayaking, mountain biking and navigation sessions continued unaffected by the high winds that were responsible for the big surf.

As per the program all groups rotated between four camp locations; one night in tents at ANU Coastal Campus, Kioloa, one night in tents at Depot Beach campground, one night in tents at Pretty Beach campground, and one night camping at 'bush' sites on Mount Durras.

YEAR 10 EXPEDITION – KOSCIUSZKO NATIONAL PARK (SNOWY MOUNTAINS)

'Discovering the Snowy Mountains' is a five-day program designed to be an enjoyable, rewarding but challenging Outdoor Education experience. There are four program option levels at which students will participate. Two options will see students being able to meet the Gold and Silver Duke of Edinburgh

Award Scheme (for those involved) Adventurous Journey. The remaining program options enables students to participate in a mixture of outdoor activities while they discover and explore the Snowy Mountains.

- The 'Expedition - Gold' saw one group participate in a five-day, four-night traverse across the Main Range.
- The 'Expedition - Silver' had two groups participating in a four-day, three-night expedition on the Main Range.
- The 'Explorer' program saw eight groups participate in a three-day, two-night expedition. These groups spent the week camping in tents, either at High Country Campus or on the Kosciuszko National Parks Main Range. These boys also participated in mountain biking at High Country Campus and rock climbing and abseiling at Jindabyne.
- The 'Discovery' program had one group participate in an introductory experience within the Snowy Mountains. The group spent a night camping in tents at High Country Campus as well as day activities participating in mountain biking at High Country Campus and rock climbing and abseiling at Jindabyne.

KNOX PARENTS' ASSOCIATION

The Knox Parents' Association (KPA) has such a strong heritage and plays a significant role in fostering the Knox sense of community. Thank you to our parents, carers and all of the special people in our boys' lives who give so generously of their time in support of the School.

The purpose of the KPA is to:

- Maintain and foster the goodwill and interests of parents and friends of the School.
- Support the School in a material, practical and financial manner.
- Encourage and conduct activities which contribute to the wellbeing of the School.
- Foster the Christian ethos and be bound by the rules and regulations of the School.

A number of social, community-building and fundraising events and activities - both big and small - have been held throughout the year.

GATHERING OF THE CLAN – 23 MARCH

The Gathering of the Clan is traditionally the first official KPA event for the year. Held slightly later this year, it was also the official parent farewell event for Mr and Mrs Weeks. With close to 800



tickets purchased, the Seniors' Hall in the Weeks Senior Academy was full of parents, old and new, who gathered on the terrace to enjoy the Knox Pipe Band perform under the evening sky and celebrate the start of the school year.

GALA DAY – 2 JUNE

Gala Day began in 1977 and from those early days it has grown to become the most significant event on the KPA calendar. A grey sky and chilly winter wind didn't dampen the spirit of the Knox community at Gala Day 2018. The crowds were consistent throughout the day, enjoying the carnival atmosphere that Gala Day provides, with long queues at most of the stalls (particularly the coffee and hot food stalls!).

Gala Day would not be possible without the support of the Year Group Convenors and parents from K-12, the Boarding community, KAPA, and Knox staff. Each and every one of you make this event the highlight of the KPA calendar.

WORLD TEACHERS' DAY – 26 OCTOBER

For the sixth successive year, the KPA celebrated World Teachers' Day by presenting morning tea to all the teachers. It is a small but symbolic gift of appreciation from parents to the teaching staff.

CHRISTMAS MARKETS – 16 NOVEMBER

Come November each year, it is great to see the wider Knox community come together to start their Christmas shopping early while enjoying the Christmas entertainment provided by the Knox music ensembles.

GIFT AND PLEDGES TO THE SCHOOL

Gala Day and the Knox Christmas Markets were the two major community events this year. A record collection of over \$25,000 was made from the raffle!

As a result, the KPA allocated gifts to the total amount of just under \$100,000 to the School. The items pledged include musical equipment, robotics kits, furniture for the Boarding House, sport equipment, a Visual Arts printing press and many more resources to be used by the boys.

As in previous years, \$10,000 has been set aside for the KPA to fund a major, significant and lasting capital item in the School's centenary year. This is the sixth instalment of ten instalments pledged.

The KPA continued the tradition of marking significant milestones by presenting the Year 6 pennants and medallions as well as presenting the cufflinks to Year 12 boys at the Valedictory Dinner. We truly appreciate all the effort and hard work of the many parents who helped to raise such an amazing amount again this year. The KPA only succeeds through parents giving up their time to support the School.

GLOBAL PROGRAMS

2018 INTERNATIONAL STUDENT EXCHANGE PROGRAM FOR YEAR 9 AND YEAR 10

The Knox International Student Exchange Program has been running for over 20 years and has grown not only in student participation, but also in the number of overseas colleges with whom Knox is exchanging each year. It is a truly global experience.

Years 9 and 10 have the opportunity to exchange with students from schools in the USA, Canada, Argentina, England, Scotland, New Zealand and South Africa. Our boarders have the opportunity to go on a simultaneous boarding exchange with Nelson College (New Zealand), Pretoria Boys High School or Hilton College (South Africa). Our Year 10 Language students may participate in Language Exchanges to France, Germany, Japan and China.

In Term 1 this year, Knox welcomed exchange students from St George's School in Vancouver who hosted two of our Knox boys in Term 4 2017.

Other visitors arrived from the USA following our students' exchange to the States the previous year. Knox also hosted two boys from St Joseph's College (UK) during Term 1. St Joseph's is a small and relatively new exchange partner school and our connection is becoming stronger each year.

Terms 2 and 3 were again very busy with several Knox boys taking off to the northern hemisphere, travelling far and wide, swapping school desks in Scotland, England and the USA, while others chose to go to the warmer climes of Argentina and South Africa.

Exchange visitors who arrived early in Term 3 enjoyed the traditional day trip to the Blue Mountains together with their Knox hosts and staff and students from PLC and St Catherine's. This was again a fine opportunity for all to get to know students currently on exchange at other Sydney schools. The boys and girls were thrilled with the Scenic Skyway ride from Echo Point across to Scenic World, followed by the nail-biting cable car ride down to the Jamison Valley, taking a guided tour through parts of the rainforest before the steep ride back up to the Scenic World Centre and lunch at Leura.

At the start of Term 4, we farewelled a student traveling north to St George's College (Canada) and others spent several weeks in the warm and humid climate at St Andrew's College in Grahamstown (South Africa). One of the main attractions of this exchange is to participate in the three-week trek along the Fish River with all Year 10 staff and students from the college. Our Knox boys refer to this tradition as an 'unforgettable and life-changing experience'.

Knox would like to thank all parents and boys who hosted exchange visitors in 2018 for their amazing generosity and for making our visitors' stay in Sydney such a memorable and successful time.

OLD KNOX GRAMMARIANS' ASSOCIATION

In 2018 the Old Knox Grammarians' Association (OKGA) has continued to provide social, sporting, cultural, career and benevolent assistance in pursuit of the objectives of the Association. Jon Stewart (OKG03) became the 31st President of the OKGA at the AGM held in February. Jon, together with the Committee, has taken the opportunity to review and refresh the vision and strategy of the OKGA for the next decade as the Association moves into 2019 and the celebration of the its 90th anniversary.

During 2018 the OKGA held a number of successful reunions and events.



A particular highlight this year was the continued engagement with the School in offering significant and meaningful events for both the School and the Old Boys. This year, in addition to the combined OKGA ANZAC Day Service and Knox Grammar School Parade, the OKGA joined with the School for the first time to celebrate the traditional Honouring Service and Armistice Day remembrance. The entire Senior School was able to witness the presentation of ceremonial pipes, drums and banners to the Cadet Unit and Pipe Band in honour of those Old Boys who have given military service. This service and commemoration gave the students a very tangible insight into the meaning of giving service to, and sacrifice for, their country.

The Sports Luncheon was again held in March where the OKGA Clubs, including Cricket, Rugby and Football joined together to raise funds for the Benevolence Program and enjoy camaraderie across all ages. These Clubs provide a great opportunity for members to continue to enjoy their sport long after they leave the School.

In addition to the many social and networking activities, the OKGA continues the work of the Benevolence Program. This program was established to provide assistance to Old Boys seeking help or advice, and the service offered continues to connect our community with trained professionals who can make a difference and provide support when adversity arises.

The Association continues to work to be more relevant and accessible to all members regardless of age or interests.

- 01 Year 10 Camp at the Snowy Mountains
- 02 Thank you to our many parent volunteers who made Gala Day 2018 such a success
- 03 L-R: Ian MacPherson (OKG55) on behalf of Allan A Nolan (OKG52), David B FitzSimons (OKG65) on behalf of James M FitzSimons (OKG33) and Peter M FitzSimons (OKG33) and Edwin (Ted) Anderson (OKG67) at the OKGA Honouring Service and Armistice Day remembrance.

TRANSITIONS

APPOINTMENTS TO POSITIONS OF RESPONSIBILITY

WAHROONGA PREPARATORY SCHOOL

Tanya Lorimer Deputy Head of Wahroonga Prep

PREPARATORY SCHOOL

Rebecca Burgmann Team Leader Year 4
Nathan Russell House Leader Haslett
Alicia Watson House Leader Fuller

SENIOR SCHOOL

Juliana Andric Acting Head of TAS
Tom Biddle Learning Enhancement Coordinator Stage 4
Matthew Clagnan Operations Coordinator Years 7 and 8
Andrew Grattan Acting Director of Studies Junior Academy
Darren McCrae Learning Enhancement Coordinator Stage 5
Emma McMurrough Head of WLF
Craig Milligan Team Leader Year 7
Matt Robertson Head of Professional Practice/Learning
Duncan Steadman Assistant Team Leader Year 10
James Stubbs-Mills Assistant Team Leader Year 9
Donna Wallace Learning Enhancement Coordinator Stage 6
Clare Yuan Assistant Team Leader Year 7

WELCOME TO NEW STAFF

WAHROONGA PREPARATORY SCHOOL

Louise Green Administration Assistant
Jay House Music Teacher
Amy Macdonald Classroom Teacher
Josie McCutcheon PDHPE Teacher
Catherine Russell Administration Assistant
Nilloufer Seervai Teaching Assistant

PREPARATORY SCHOOL

Louise Allen Teacher's Aide
Jeri-Lee Apter Learning Support Teacher
Felicia Calautti PA to Head of Prep School
David Coon Classroom Teacher
Kristen Faahan-Smith Teaching Assistant
Suzanne Floro Head of Knox Prep
Emma Davey Classroom Teacher
Matthew Hawke Classroom Teacher
Kim Inglis PA to Director of Learning K-6
Sally Key Christian Values Teacher
Rebecca Lazarus Psychologist
Denise Mitchell Science Laboratory/Visual Arts Technician



Michael Quach Deputy Head of Knox Prep
Jared Rastall Classroom Teacher
Angela Wu Teacher's Aide

SENIOR SCHOOL

Gabrielle Allan History Teacher
Haig Aroyan AV Technician
Sadaf Azidi Mathematics Teacher
Hanya Banks Science Teacher
Ray Barbat Assistant Head of Boarding Stage 6
Harrison Benbow English Teacher
Verna Berg Staff Services Advisor
Luke Charters IT Technician
Tanya Choucair Finance and Legal Studies Teacher
Miriam Cockrell International Boarder Immersion Program Manager /House Manager Stage 5
Emma Collinge Assistant Head of Stage 4/Teacher's Aide
Stephen Cooley Property Concierge
Samantha Culleton Performing Arts Coordinator
Tim Felton English Teacher
Sarah Fernando Drama Teacher
Grace Fox English Teacher
Annette Fyfe English Teacher
Daniel Dinunzio Maintenance Trade Assistant
Kiel Gazzard TAS Teacher
Michelle Gouveia Physics Teacher
Vanessa Govender Finance and Legal Studies Teacher
Sarah Gregory Director of Alumni Relations (OKGA)
Michael Haselden Learning Enhancement Teacher (GATS)
Rebecca Haynes Senior Legal Counsel
Terese Horne PA to Director of Staff Services
Leesa Howell Enrolments Administrator



Stacey Johnson	Community Relations and Events Assistant
David Johnston	Senior Drum Tutor
Matthew Jones	Mathematics Teacher
Ellis Kinnaird	Geography Teacher
Louise Koopman	Information Liaison Assistant
Du'aine Ladejo	Head Coach of Athletics
Melanie Lenarduzzi	Enrolments Administrator
Alexandre Leonov	English Teacher
Martin Lijauco	Accompanist and Performance Coach
Brianna Loffhjelm	Geography and Commerce Teacher
Ekaterina Manevtsova	Teacher Librarian
Fran Melodia	Middle School Academy Administrator
Rebecca Mitchelson	Student Management Officer (JSA)
Joshua Moloney	PDHPE Teacher
Tenkia O'Brien	PDHPE Teacher
Ruth O'Donnell	Wellbeing Centre Receptionist and Archives Administration Support
Phillip O'Regan	Deputy Headmaster, 7-12 Students
Sheldon Paro	Weekend Supervisor Boarding
Rory Piper	IT Technician
Binoy Ponachan	IT Technician
Jannah Porter	English Teacher
Gary Quince	PDHPE Teacher
Duncan Sharpe	Operational Services Manager
Hayden Smith	English Teacher
Sharon Smith	Financial Accountant
Katelyn Tasker	Psychologist
Benjamin Teasdale	Assistant Head of Boarding Stage 6
Kathryn Thompson	WLF Teacher
Ethan Truong	Physics Teacher
Michelle Wade	House Manager Boarding Stage 5
Jenna Wilmschurst	History Teacher

01 Wahroonga Prep staff celebrating another successful year

02 2018 Orientation Day inducted new staff across the three Knox campuses



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DID YOU KNOW?

The Chapel Bible was dedicated in 1954 by the Reverend of St Giles Cathedral Edinburgh (where John Knox had been a Minister) to ensure it would have an association with the Church of Scotland. It was donated by Mr and Mrs William R Laurie who had five sons at the School.