

**Killara
ACADEMY
Season 3**

2024 Course Outline

For Students in Years 7 - 10



**Killara
ACADEMY**

University
PREPARATION

Growth
MINDSET

Entrepreneurial
ATTITUDE

TERM 2

Time/Date	Location	Topic
Week 2: Tuesday 7 May 7:30am – 8:30am & Week 2: Tuesday 7 May 3:30pm – 4:30pm	Theatre School Main Quad	Introduction to Killara Academy and effective study strategies based on cognitive psychology and educational neuroscience. Robin Chand, Principal Killara High School. An afternoon with TESLA, STEM and the world of electronic vehicles. Hands-on learning with one of the world's leaders in EV technology.
Week 3: Tuesday 14 May 3:30pm - 4:30pm	Theatre	Qantas A380 Pilot, Wayne Daly. Flying one of the most complex machines known to humans around the world.
Week 4: Tuesday 21 May 3:30pm – 4.30pm	Theatre	Saving lives as a neurosurgeon, Dr Gemma Olsson and Dr Emily Granger. Fellow of the Royal Australian College of Surgeons (RACS) and a member of the Neurosurgical Society of Australasia (NSA) and The Australian Medical Association (AMA), Dr Olsson is a RACS State Committee member, Clinical Examiner and NSA Examinations Committee member. Dr Granger is a cardiothoracic heart and lung transplant surgeon.
Week 5: Tuesday 28 May 3:30pm - 4:30pm	Theatre	How to purchase a property in NSW, Katheryn Purdy. Katheryn is from Di Jones and will present on the process of purchasing a home in NSW.
Week 6: Tuesday 4 June 7:30am - 8:30am & Week 6: Tuesday 4 June 4:30pm - 5:30pm	Theatre Theatre	Forensic Science, Professor Dennis McNevin. The science behind crime scene investigations. Our special guest is from The University of Technology Sydney Centre for Forensic Science. The world of law and justice, Mark Tedeschi. Mark is the former Senior Crown Prosecutor for New South Wales. Having been involved in leading some of the most high-profile trials in Australia, he will share his journey and inspire our students.

Week 7: Tuesday 11 June 7:30am – 8:30am	Theatre	The world of veterinary science and entrepreneurial vision, Dr Martine Perkins from the Village Vet. Dr Perkins will inspire students by presenting on topics including treating animals and running a business.
Week 8: Tuesday 18 June 7:30am – 8:30am	Theatre	Saving lives as a surgeon and the importance of maintaining a growth mindset, Dr Krishnan. <i>Dr Krishnan is an inspiration to all students.</i> Senior Consultant Breast Oncologist and General Surgeon. Clinical Associate Professor, Australian National University Staff Lead, The LINK, ANU Medical School, Canberra.
Week 8: Saturday 22 June Groups 1 & 2 <i>University preparation excursion with Mr Chand and Mrs Dixon</i>	University of New South Wales	University preparation. Excursion to The University of New South Wales – campus immersion experience. NB: Sessions 1 & 2 are run T2 Wk8, Saturday 22 June / Sessions 3 & 4 are run T3 Wk1 Saturday 27 July. <i>Students will register for one session on one day only. Registration for this excursion will open during Term 2.</i> Structure for the day: <u>Group 1</u> <ul style="list-style-type: none"> • 9:30 AM – Arrive @ UNSW Anzac Pde entrance (opposite L3 light rail stop) • 9:45 AM – Presentation • 10:00 AM – Campus tour and insights • 11:30 AM – Finish <u>Group 2 (50 students)</u> <ul style="list-style-type: none"> • 1:00 PM – Arrive @ UNSW Anzac Pde entrance (opposite L3 light rail stop) • 1:15 PM – Presentation • 1:30 PM – Campus tour and insights • 3 PM – Finish
Week 9: Tuesday 25 June 7:30am – 8:30am	<i>TBC (at KHS)</i>	Money Talks Workshop A – setting the foundations for financial independence. 7:30am - 8:30am: Year 7/8 students with presenter 1 – Spending and Saving Money Workshop A 7:30am - 8:30am: Year 9/10 students with presenter 2 – Making Money Work Workshop A

TERM 3

Time/Date	Location	Topic
<p>Week 1: Saturday 27 July</p> <p>Groups 3 & 4</p> <p><i>University preparation excursion with Mr Chand and Mrs Dixon</i></p>	University of New South Wales	<p>University preparation. Excursion to The University of New South Wales – campus immersion experience.</p> <p>NB: Sessions 1 & 2 are run T2 Wk8, Saturday 22 June / Sessions 3 & 4 are run T3 Wk1 Saturday 27 July.</p> <p><i>Students will register for one session on one day only. Registration for this excursion will open during Term 2.</i></p> <p>Structure for the day:</p> <p><u>Group 3</u></p> <ul style="list-style-type: none"> • 9:30 AM – Arrive @ UNSW Anzac Pde entrance (opposite L3 light rail stop) • 9:45 AM – Presentation • 10:00 AM – Campus tour and insights • 11:30 AM – Finish <p><u>Group 4 (50 students)</u></p> <ul style="list-style-type: none"> • 1:00 PM – Arrive @ UNSW Anzac Pde entrance (opposite L3 light rail stop) • 1:15 PM – Presentation • 1:30 PM – Campus tour and insights • 3 PM – Finish
<p>Week 2: Tuesday 30 July</p> <p>7:30am – 8:30am</p>	Theatre	<p>Executive Chef Steven Gero. The marvelous world of being a chef, designing menus and operating a kitchen in amazing restaurants.</p>
<p>Week 3: Tuesday 6 August</p> <p>7:30am – 8:30am</p>	Library	<p>Online University Short Course. Mrs Pollock – Leader of University Short Course Programs and Teacher Librarian.</p>
<p>Week 4: Tuesday 13 August</p> <p>7:30am – 8:30am</p>	Library	<p>Online University Short Course. Mrs Pollock – Leader of University Short Course Programs and Teacher Librarian.</p>
<p>Week 5: Sunday 25 August</p> <p><i>Excursion with Mr Chand and Mrs Dixon</i></p>	“Our Big Kitchen” Bondi	<p>Excursion for positive community impact – Session 1 & 2.</p> <p>Our Big Kitchen in Bondi. Cooking for the homeless and people in care. There will be two sessions, a morning session and an afternoon session. Registration will open closer to the date.</p>

<p>Week 6: Tuesday 27 August 7:30am – 8:30am</p>	<p>TBC (at KHS)</p>	<p>Money Talks workshop B – setting the foundations for financial independence. 7:30-8:30am: Year 7/8 students with presenter 1 – Spending and Saving Money Workshop B 7:30-8:30am: Year 9/10 students with presenter 2 – Making Money Work Workshop B</p>
<p>Week 7: Tuesday 3 September 3:30 pm – 4:30 pm</p>	<p>Main School Quad</p>	<p>Galmatic incursion – Session 1. Hands-on car maintenance workshop aiming to empower teenagers with automotive knowledge.</p>
<p>Week 7: Sunday 8 September <i>Excursion with Mr Chand and Mrs Dixon</i></p>	<p>“Our Big Kitchen” Bondi</p>	<p>Excursion for positive community impact – Session 3 & 4. Our Big Kitchen in Bondi. Cooking for the homeless and people in care. There will be two sessions, a morning session and an afternoon session. Registration will open closer to the date.</p>
<p>Week 8: Tuesday 10 September 7:30am – 8:30am & Week 8: Tuesday 10 September 3:30pm – 4.30pm</p>	<p>Theatre Main School Quad</p>	<p>Dr Brett White. Macquarie University School of Business. What’s it like to study at university in your first year? Key skills for university. Galmatic incursion – Session 2. Hands-on car maintenance workshop aiming to empower teenagers with automotive knowledge.</p>
<p>Week 9: Tuesday 17 September 3:30pm – 4:30pm</p>	<p>School Hall</p>	<p>Dr Cathy Foley Chief Scientist of Australia. As Australia’s Chief Scientist, Dr Foley works with the Prime Minister and Ministers across Government. Australia’s Chief Scientist provides authoritative and independent science advice on whole-of-Government science and technology priorities, to ensure the best evidence informs Government decision-making. Dr Foley is an internationally recognised physicist with major research achievements in superconductors and sensors which lead to the development of the LANDTEM sensor system to locate valuable deposits of minerals deep underground. Dr Foley is an inspiration to all.</p>
<p>Week 10: Tuesday 24 September 7:30am – 8:30am</p>	<p>Theatre</p>	<p>Graduation</p>

<p>OPTIONAL</p> <p>Micro credential: TAFE Statement of Completion in Basic Barista Skills.</p> <p>Students attend this course after school with Mr Chand.</p> <p>In 2024, all Killara Academy students will be given priority placement.</p> <p>Registrations will open throughout the year.</p>	<p>Ultimo TAFE</p>	<p>Ultimo TAFE Barista Training Course. This micro credential experience is part of our broader vision to ensure that students graduate from Killara High School with more than the HSC. The HSC is the starting point, and I would hope that we can provide opportunities for all students to gain more credentials whilst at High School. I'm very keen for our students to acquire work-ready skills and accumulate credentials that they can present to future tertiary institutions for scholarship purposes, intake purposes or employment grounds. Our school is excited to offer this opportunity, as our exclusive partnership with Ultimo TAFE will benefit our students.</p> <p><i>This course takes 3 hours to complete from 5:30pm – 8:30pm at Ultimo TAFE</i> with two expert baristas. There is a cost involved. Students travel with Mr Chand in the train from Killara Station. We return to Killara Station after 9pm. This is an intensive, fun and very hands-on experience for our school. Students will make many beverages in a professional café setting with state-of-the-art machines, guided by expert baristas. Each session can take a maximum of 16 students. Therefore, we will aim to have several sessions throughout the year.</p> <p>Barista course outline:</p> <p>Introduction to Coffee:</p> <ul style="list-style-type: none"> • Types of beans • The coffee belt • Arabica vs Robusta <p>Coffee machine functions:</p> <ul style="list-style-type: none"> • Using a coffee machine and grinder, and texturising milk. <p>Beverages:</p> <ul style="list-style-type: none"> • Espresso, Ristretto, Latte and Flat Whites • Cappuccino, Macchiato and Piccolos • Mocha and Hot Chocolates <p>Shutdown and maintaining the machine and products.</p>
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Killara Academy students will graduate the program with the following credentials:

1. Killara Academy Graduation Certificate outlining all experiences.
2. Community Service Certificate.
3. University Short Course Certificate.
4. TAFE Statement of Completion.