

Jayden Lach

Curriculum Vitae

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EMPLOYMENT

CURRENT, FROM OCT 2019 (FT)

Cambridge Park High School *Mathematics Teacher*

I have been a permanent full-time Mathematics teacher at Cambridge Park High School since October 2019, during which time I have supported the learning needs of students from Years 7 – 12 across a range of classrooms. Additionally, I have taught across multiple Key Learning Area's, including Science, English, TAS, and PDHPE. I have worked to develop positive relationships with students and staff alike through mentoring senior students and early career teachers. I have also led professional learning to improve staff technology usage which proved instrumental in the school's delivery of online learning during the COVID lockdowns and beyond. I regularly develop and deliver engaging lessons to cater to a range of learning needs using innovative technologies, and I am a Certified Microsoft Innovative Educator after undergoing training in 2021. The impacts of my development of Mathematics programs at CPHS can be seen positively in student results, particularly in Year 11 and 12 this year where my classes have made improvements of up to 11 percentage points from Terms 1 to 3.

OCT 2021 – AUG 2022 (FT)

Cambridge Park High School *Relieving Head Teacher Mathematics*

From October 2021 to July 2022, I performed the role of Head Teacher Mathematics Relieving at Cambridge Park High School. My duties included the management of mathematics teachers within the school, including out-of-faculty teachers and leadership of a school-wide numeracy program. I attended weekly executive meetings and liaised frequently with senior executive staff. I coordinated the development and delivery of assessment tasks using a data driven and feedback informed approach to ensure tasks were accessible, engaging, and appropriately challenging for all students. I worked to provide support to a complex faculty under challenging circumstances, including supporting teachers within my faculty without a mathematics specialisation, a beginning teacher, and a staff member undergoing an improvement plan. There have been notable improvements in the school's NAPLAN results under my leadership of the numeracy program, including an increase in the number of Band 8 and Band 9 results by 5 and 4 percentage points respectively.

OCT 2012 – OCT 2019 (PT)

BSG Distribution Services *Merchandiser*

As a merchandiser for BSG Distribution Services, I led a team of six to relay bathroom displays for Caroma within Bunnings stores across NSW. I travelled between stores independently to ensure that displays were maintained and cleaned regularly. I managed stock orders for multiple suppliers to ensure each of the stores I oversaw were consistently and appropriately stocked. I was able to adapt to seasonal demands and customer needs for specific products.

EDUCATION

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| 2022 – PRESENT | Master of Data Science PROFESSIONAL School of Science and Engineering <i>James Cook University</i> |
| 2018 – 2019 | Master of Teaching SECONDARY School of Education <i>Western Sydney University</i> |
| 2013 – 2017 | Bachelor of Science MATHEMATICAL SCIENCE Computer and Mathematical Sciences <i>Western Sydney University</i> |

BACHELOR'S CAPSTONE PROJECT

My project involved performing regression analysis and model testing on a product developed by a PhD student and their advisor. The regression analysis was used to predict the variables to produce the strongest product whilst being the most cost effective. I was motivated to conduct this project due to the real-world implications that the successful product could have on the building industry, whilst reducing waste associated with the construction industry.

SKILLS

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| LEARNING | MySQL, Power BI, Tableau |
| PROFICIENT | R, Microsoft 365, L ^A T _E X, RMarkdown |

ADDITIONAL CREDENTIALS

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| 2021 | Certified Microsoft Innovative Educator |
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REFERENCES

| | |
|----------------------------|-------------------------------------|
| Catherine Henderson | |
| POSITION | Deputy Principal |
| EMPLOYER | Nepean Creative and Performing Arts |
| PHONE | +61 430 015 149 (Mobile) |
| Fiona Cunliffe | |
| POSITION | Deputy Principal |
| EMPLOYER | Cambridge Park High School |
| PHONE | +61 422 533 135 (Mobile) |