

# Mr Zachery Cheng

*Mathematics, Junior Science and STEM*

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## Qualifications:

Mechanical Design Engineer  
Graduate Diploma in Education.  
Bachelor of Mechanical Engineering.  
Master of Engineering Science.

I made a career change in 2016 after 27 years of working experience as a mechanical design engineer in Defence, Automotive and Lighting industries. Over the last two years at Calamvale Community College, I have taught all levels of mathematics, junior science and STEM.

Opportunities to stretch my pedagogical approach is more than that of a facilitator. My job is to guide students to realisations of conceptual knowledge, and encourage them to learn. For struggling students, I often utilise an explicit teaching model and apply a self-directed learning strategy to give students.

I also try to maintain inclusivity and equity within the class as I believe the need of many outweigh the needs of a few. In the end, my hope is to help all my students to become happier, more successful adult.