



**DIANA AGNEW**  
*Maranoate High School*  
*South Australia*

Diana has spent most of her career in country schools, where she has had significant influence in improving numeracy outcomes of secondary students, both at the school and regional level.

Diana has driven pedagogical change within Maranoate High School. She was pivotal in galvanising the faculty to provide additional support to students outside of class. Help sessions are now held during lunch and after school and Diana also runs early morning sessions to allow students additional support. This is a hugely valued contribution to their learning, as expressed by many of her students.

As numeracy coach from 2012 - 2016, Diana improved teaching programs in order to cater for the wide range of student abilities entering high school. She introduced the Reframing Maths Futures program, run from Flinders University. The impact of this program on student outcomes is evident - with increases of student engagement in the classroom and improvement of student resilience and understanding in class.

## CHOOSE MATHS

# TEACHER AWARDS 2019

Mathematics is truly alive at Churchlands Senior High School thanks to the hard work and passion of Samantha. She is determined to make a difference and has successfully rolled out several initiatives at the school. She developed an after-school maths club where she runs workshops on mathematical modelling, programming and simulations. Samantha also set up a math lab room, runs Mathematical Olympiad teams, collaborates with the school's STEM club and runs Maths Week, where she designs mathematical challenges and activities.

Samantha has presented ideas to improve the Australian Mathematics Curriculum, mentored students to co-write articles for the AMT journal and collaborated with Monash University to run research on implementation of differentiation in maths classrooms. She is also undertaking postgraduate study in International Education at the University of Melbourne and is writing a thesis on "Teaching Thinking in Mathematics."



**SAMANTHA DOORAS**  
*Churchlands Senior High School*  
*Western Australia*



**MELINDA GOLINSKI**  
*Bunbury Cathedral Grammar School*  
*Western Australia*

Melinda is a passionate and enthusiastic teacher who has a true love of learning. She believes that furthering one's own personal development is essential for every teacher. She lives by the philosophy "How can we teach children the importance of learning, if we are not also embracing a love of learning ourselves?" She is currently undertaking a research based Master's Degree in Science and Mathematics Education, focusing on developing a professional learning model to increase female teachers' self-efficacy for STEM education. She has coordinated the South West Primary Teachers Conference since 2010 and presented at many conferences and staff meetings. She is also working towards being recognised as a "Highly Accomplished" teacher within ECOS and gain accreditation as a "Lead Teacher" by ATSL.

Melinda recognises the importance of STEM and makes subjects engaging and enjoyable for her class. She has created many initiatives to make learning more fun, such as getting students to work out buoyancy, weight and drag, when the school held a boat race.



**ELIZABETH DEWAR**  
*Boness Primary School - Tullang*

Ryan and Liz are passionate educators who are transforming the way students and teachers view the learning and teaching of maths in their school. After discovering that student outcomes in mathematics were on a downward trend, they developed a plan to transform maths instruction and improve student engagement.

Together, they conducted a full mathematics audit and with the support of the Principal secured additional budget to purchase resources for the classrooms. In a stunning move to increase engagement, they staged a crashed meteor site in the school's gardens. Students participated in a range of learning experiences from research projects about space to calculating the size of the meteor. Additionally, they staged three dig sites with dinosaur bones, each class took turns to visit the dig sites and draw and measure the fossils. Ryan and Liz have also focused on upskilling colleagues in extending prompts and questioning to encourage students to take their learning deeper.



**RYAN JELLIE**  
*Boness Primary School - Tullang*



**THOM MUTTON**  
*Canberra College*  
*Australian Capital Territory*

Thom is an experienced and passionate teacher of mathematics and has been teaching at Canberra College since 1988. In the classroom he puts fun, interesting and stimulating content into his lessons and shares his enthusiasm with his students.

Thom has developed and refined many programs to encourage the involvement, passion and continuation of studies in maths. This includes lunchtime tutorials, senior maths tutors and a maths noticeboard - full of jokes, a "problem of the week" and upcoming events and opportunities. Thom developed a Pi Day recitation competition where students learn at least 20 digits of Pi, with house points up for grabs. There is a perpetual trophy for the student who recites the most digits with the highest number being 420. Thom also developed Dora 7s - a knockout style competition where students complete mental computations based on the number 7.