



# Term 4 E-newsletter

Welcome to MindSET-do, where we believe that STEM learning should be accessible to everyone. Our mission is to develop student, teacher, parent, and community confidence, knowledge and skills to succeed in STEM and create more diverse and inclusive workplaces in these fields. MindSET-do is a widening participation program developed by the University of the Sunshine Coast (UniSC) to increase participation in tertiary education in STEM fields.

# Looking Ahead to 2025!

As we wrap up an incredible year of STEM events and programs, we're already gearing up for an even bigger and better 2025! With exciting new challenges, immersive workshops, and opportunities to inspire the next generation of innovators, there's so much to look forward to.

[Be part of the action in 2025 – contact us to learn more!](#)

## Latest News & Offerings

[STEM in the  
South  
Burnett](#)

[She Maps  
Microdrone  
Instructor  
Training](#)

[First Lego  
League Fraser  
Coast Teams](#)

[Discover  
What's  
Ahead!](#)

[Primary &  
Secondary  
lessons and  
incursion days](#)



# Bringing STEM to the South Burnett Region

This November, the MindSET-do team delivered an exciting STEM experience across the South Burnett Region. The initiative provided primary school lessons and high school incursions, engaging students in hands-on activities that sparked curiosity and showcased the exciting possibilities of STEM careers. Students enthusiasm and creativity were inspiring!

A heartfelt thank you to our dedicated presenters, participating schools, and local communities for making this tour such a resounding success. By bringing STEM education to regional areas, the MindSET-do Rural Tour continues to inspire the next generation.

Get in touch with us for future tour opportunities and to get involved in MindSET-do programs!

Teaching in a rural or remote primary or high school? Join our 2025 tour and inspire your students with hands-on STEM experiences.

[CONTACT US](#)

# Preparing Educators to Bring Drone Technology to Classrooms

Earlier this month, our team completed three days of intensive, hands-on training in the She Maps Classroom Drone Essentials program, culminating in an exciting session with Year 6 students at Chevallum State School.

Thanks to the expertise of Katie Vidal from She Maps, our newly trained instructors are now equipped to deliver engaging drone technology lessons across UniSC campus regions and in regional and rural Queensland next year. These passionate educators are ready to inspire the next generation of geospatial scientists, tech enthusiasts, and drone pilots!

A big thank you to Katie and She Maps for providing such a valuable and enjoyable training experience. We can't wait to see the impact this program will have on students in the year ahead.

Stay tuned for updates as we roll out these lessons in schools next year!

We now deliver drone lessons and incursions in primary and secondary education. If you are interested in engaging in our drone program in 2025

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# Fraser Coast Teams Take on First LEGO League

Our First LEGO League teams from the Fraser Coast region recently made the journey to Carmichael College to participate in the Morayfield Regional Event. The competition was a fantastic opportunity for students to put their STEM skills, creativity, and teamwork to the test alongside teams from across the region.

We are so proud of their efforts and enthusiasm as they tackled challenges and showcased their innovative thinking. Well done to all participants for their dedication to learning and growing through this experience!

Looking for STEM activities outside school hours?  
Explore our range of coding and robotics programs  
running throughout the year.

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## Primary Lessons in Term 4

This Term, MindSET-do primary presenters delivered engaging STEM programs to over 550 students across 12 schools.

Students explored a variety of hands-on activities, including designing serious games using Scratch, operating microdrones for environmental applications, and programming lights with Arduino. These sessions encouraged creativity, problem-solving, and collaboration as students discovered the exciting possibilities of STEM in real-world contexts.

Thank you to the schools and students who made this Term a success as we continue fostering a love of learning and innovation!

Discover lesson overviews and teaching resources currently being aligned with the V9 Curriculum on our [Primary Programs page](#).

Interested in joining our program in 2025?

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# Secondary Lessons in Term 4

In Term 4, MindSET-do secondary presenters delivered lessons to more than 100 students from Years 7 to 11 at Beerwah State High School, Nambour State College, Nanango State High School, Gympie State High School, and Maryborough State High School.

Students participated in hands-on activities that focused on STEM skills, including programming self-driving cars, exploring how the brain works, and designing sustainable neighbourhoods.

The sessions provided opportunities for students to work collaboratively, apply their STEM knowledge, and develop problem-solving skills.

We're aligning our [secondary programs](#) with the V9 curriculum and new syllabus documents. If you're teaching in a secondary school and want to get involved in 2025

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Sian Whiting

## Meet our Presenters

Growing up in Bray Park, Sian was an avid reader and an active participant in school life during her primary years, enjoying music, choir, Writer's Club, and hockey. She later attended high school in Strathpine, where she further embraced her love for learning, excelling in English, Health and PE, and The Arts. High school was a time of growth and discovery for Sian, where she found inspiration from great teachers, participated in performing arts, and pursued hobbies like softball and roller skating.

Sian became a MindSET-do presenter because she believes every student should experience hands-on, experiential learning with technology. She is passionate about helping students build confidence, overcome stereotypes in STEM, and find personal success. As a pre-service teacher, Sian values the opportunity to develop her own skills while creating engaging STEM experiences for students.

What Sian enjoys most about being a presenter is seeing students build resilience, determination, and a love for discovery. She strives to deliver lessons that inspire participation, foster enthusiasm, and create positive learning outcomes. Her advice for students? "Live and thrive in your educational environment – there is so much for you to enjoy! Learn and try things out and find what you love to do, for a fulfilling career journey where you do what you love."

# Discover What's Ahead in 2025!

We're gearing up for an exciting year filled with opportunities to inspire and engage in STEM! From science and engineering challenges to drone competitions, robotics and coding clubs, and hands-on lessons in primary and secondary schools, there's something for everyone.

Stay tuned for key dates and events by visiting our [2025 Calendar](#) and start planning your STEM journey with us!



# WeAreInnovators



MindSET-do is a widening participation program developed by the University of the Sunshine Coast (UniSC) to increase participation in tertiary education in STEM fields.

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