



# LIGHTHOUSE SCHOOLS PROGRAMS

School-Industry Spatial Immersion initiative

BEST SUITED  
SECONDARY  
SCHOOLS



Our Lighthouse Schools program is a progressive and tailored education initiative where teachers are supported to develop their capability in teaching critical STEM industry skills, through real-world problems, mapped to the curriculum.

## THIS PROGRAM AIMS TO:

- Deepen teacher capability and student achievement with STEM concepts and practices.
- Build a bridge between industry and education in a relevant and meaningful way.
- Translate modern STEM practice into the school curriculum, and facilitate deeper understanding.
- Establish and maintain a productive and sustainable school-industry partnership.
- Help schools gain recognition and a reputation as an innovative STEM focused school.

## TOGETHER WE WILL DRIVE THE FOLLOWING OUTCOMES:

### FOR STUDENTS

Increase students curiosity and bridge the gap between learning and the real world.

Ensure students finish school with a strong foundational knowledge of STEM and related skills.

Ensure students are inspired to take on more challenging STEM subjects.

Expose students to a wide range of career opportunities and societal applications for STEM.

Expose students to hands-on and inquiry-based opportunities that support deep learning.

### FOR TEACHERS

Boost teachers confidence, capabilities and knowledge in teaching of STEM, particularly in the use of drones, spatial tools, and other digital technologies.

Personalised 1-1 access to ongoing supportive and collaborative STEM content experts who connect curriculum topics to industry interests and expertise.

Empower teachers to maintain high expectations for all students as they engage in STEM opportunities.

Encourage teachers to prioritise and embrace teaching STEM.

### FOR THE WHOLE-SCHOOL

Create a school culture and reputation where the importance of STEM is recognised and valued.

Assistance with the identification and securing of school-industry partnership funding for STEM initiatives and professional development.

Measure effectiveness of the program and if there has been a shift in student attitudes to STEM and whether this translates into growing the STEM workforce.

Create sustainable partnerships between participating schools, tertiary education providers, and industry, to maintain links and opportunities for students into the future.



ENQUIRE TO JOIN THE LIGHTHOUSE SCHOOLS PROGRAM:

[www.shemaps.com](http://www.shemaps.com) | 1300 895 795 | [hello@shemaps.com](mailto:hello@shemaps.com)

# Personalised Support to Bring Drones into Your Classroom



1-1 Mentoring  
and Support



Real-World  
Scenarios



Industry  
Experts



Professional  
Development



Drone  
Recommendations



Live  
Webinars



Video  
Demonstrations



Career  
Pathways



Industry  
Skills



Capturing and  
Analysing Data



Workflows



Scientific  
Enquiry



Computer  
Literacy



Artistic  
Expression



Discussion  
Boards



Communicating  
Information

TALK TO US ABOUT BECOMING A  
**Lighthouse School**  
1300 895 795

## LIMITED AVAILABILITY - ONLY SIX SCHOOLS PER YEAR

This unique immersion program is tailored to suit the needs and requirements of the school and teachers.

We work with the school to define the learning outcomes, identify capability gaps with the teachers, and then implement a customised program.

This personalised program can be a mix of online professional development and student learning, face-to-face incursions and teacher support, and industry and tertiary partner visits.

The investment required from the school depends on the scope of the program, and if industry financial support has been provided.



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