

IMPACT STEM TEAM



A networked approach to STEM Professional Learning

impact.edu.au/register

BIG IDEA:

The *IMPACT STEM Team* is a networked community of primary and secondary school teachers and leaders across Queensland. These educators are preparing to lead a greater focus on STEM in their school and beyond. They will collaborate to embed STEM skills into their everyday teaching and units of work during 2017.

The *IMPACT STEM Team* provides participating teachers and leaders with the opportunity to:

- connect with like-minded STEM educators from the IMPACT Centre and participating schools, as well as university and industry experts;
- learn more about the STEM disciplines and how innovations that emerge from these fields underpin the global economy;
- build their technology skills and understanding of contemporary pedagogy via participation in the team's online sessions and activities;
- learn how the IMPACT Centre produces highly engaging and relevant critical thinking programs that align to the Australian Curriculum and involve collaboration with school, university and industry partners;
- put their increased knowledge and skills to use by designing and delivering high quality STEM programs that suit your school context;
- continue to collaborate with the IMPACT STEM Team by sharing ideas, programs and digital resources for mutual benefit.

NB: Participants will receive PD certificates that align to the *Australian Professional Standards for Teachers (AITSL)* and recognise the number of hours involved.

HOW IT WORKS

The *IMPACT STEM Team* is led by the IMPACT Centre and delivered in collaboration with Sentis and key university and industry partners.

Collaboration amongst the group is key with regular web conferences, face-to-face workshops and digital resource sharing keeping the group connected.

Stage 1: Term 1 2017	Stage 2: Terms 2-3 2017	Stage 3: Terms 3-4 2017
<p>Log in and learn alongside your students in the role of Web Conference Supervisor during Round 1, 2017 (or Rounds 2-3).</p> <p>Log in to a series of five web conferences during Term 1</p> <ul style="list-style-type: none"> • 1 x induction – 1 hour online workshop on January SFD or Term 1 Week 1 – multiple times offered. • 4 x team web conferences – choose Wed or Thu from 3:20pm to 3:50pm - Weeks 2-4-6-8 or 3-5-7-9 (TBA) <p>No charge for Stage 1 involvement. Included as part of your investment in STEM student programs, Rounds 1, 2 or 3 in 2017.</p>	<p>Workshops to learn from the IMPACT Centre and our expert STEM partners. Embed STEM skills into your everyday teaching. Design an effective STEM unit that suits your school context.</p> <p>Total Commitment = 5 days</p> <ul style="list-style-type: none"> • STEM Expert Workshops • IMPACT Centre Workshops • Access to IMPACT Modules <p>Team web conference every 2-3 weeks – choose Wed or Thu from 3:20pm to 3:50pm.</p>	<p>Deliver your own high quality STEM program that suits your school context.</p> <p>Team web conference every 3-4 weeks – choose Wed or Thu from 3:20pm to 3:50pm.</p> <p>Regular correspondence and sharing between team members.</p> <p>End-of-year event to share and celebrate success.</p>
<p>Cost: Progression to Stages 2-3 is optional and requires investment from your school of \$950pp. You may incur other costs such as TRS and travel depending on staff member roles and location.</p>		

ADVANCING EDUCATION



'Our teachers are critical to the success of our plan for STEM. Supporting teachers to innovate and engage with cutting edge science and teaching practice will transform the teaching of STEM in every state school.'

DET's Advancing Education
STEM Strategy



"All of the teachers we have interviewed to date comment spontaneously on how much more confident they are in addressing the planning and implementation of STEM lessons. While the schools represented are in different regions with sometimes significantly different circumstances they all intend to expand the program and/or to involve external partners such as local environmental groups or STEM-trained parents and supporters."

Dr Lesley Jolly
Research and Evaluation
IMPACT STEM Team - 2016

[Case Study – 2016 IMPACT STEM Team](#)

[DET's STEM Strategy](#)

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