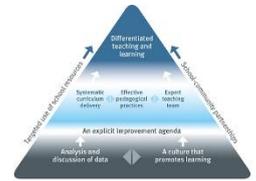


BE A STEM LEADER

Invest in student, staff and school improvement



DANGER ZONE – YEARS 4-5-6

[Register Here](#)

✓ Differentiate teaching and learning

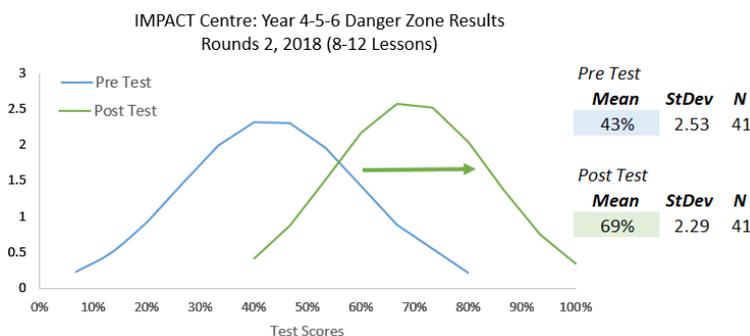
Danger Zone transforms your students into citizen scientists as they explore the plight of endangered animals from Australia and beyond. Your students will:

- develop a rich understanding of scientific inquiry and mathematical investigation;
- be taught by a specialist teacher from the IMPACT Centre;
- build technology skills and confidence for future online learning and assessments;
- enjoy a unique research excursion to Australia Zoo led by the zoo's education team at an additional cost of \$35 per student plus transport to and from the zoo.

NB: Schools who cannot travel to Australia Zoo can still participate in this program!

✓ Improve outcomes

The following graph demonstrates that the achievement of *Years 4-5-6 Danger Zone* students significantly improved from pre- to post-assessment in 2018-2019.



✓ Deliver curriculum

AUSTRALIAN CURRICULUM - Content Descriptors

Science - [AC SIS231](#), [AC SIS107](#), [AC SIS218](#), [AC SHE100](#)

General Capabilities



✓ Develop expertise

- We highly recommend that your supervising staff member/s login, learn alongside your students and collaborate with our specialist teachers.
- They develop curriculum, pedagogy and technology expertise, which transfers to their teaching or leadership role.
- Offer the opportunity to a leader, teacher or aide.
- They earn a PD Certificate aligned to AITSL standards – through active participation in lessons and completion of a short online module.



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Student target group

- Your school determines which students participate – many schools use this program as a differentiation opportunity for mid-high achieving students.
- Teacher judgement and student interest in the topic should assist selection.
- Student or parent nomination is also an option.

Assessment and reporting

- Assessment involves a pre-test to provide diagnostic data, a post-test to measure distance travelled, a working scientifically template and Danger Zone portfolio.
- Your school receives a written report containing pre- and post-assessment results, attendance data & survey feedback. You also receive report card comments (OLA).

Course outline

1	Inspiring introduction to <i>Danger Zone</i> , STEM inquiry and online learning skills
2	Pre-test, eLearn Activities
3	Scientific Method of Investigation
4	Questioning & Predicting, Planning & Conducting
5	Evidence: Types of Data, Presenting, Organising & Interpreting Data
6	Danger Ranger Animal Data Collection (no web conference)
7	Processing and Analysing Data and Information
8	Visualising Data, Danger Ranger Infographic
9	Communicating Scientifically, Danger Ranger Infographic
10	Evaluating & Concluding, Danger Ranger Infographic
11	Post-test, eLearn Activities
12	Review, Consolidate and Extend on Project Learning

Timetabling, group size and costs

- Students participate in 1 x 60 min web conference lesson per week for 12 weeks.
- We negotiate the timetable with you - nominate 2-3 preferred times.
- 3 x 12 week rounds run across the year – *Danger Zone* is available in Round 3 only.

Round 1: Feb 3-May 22				Round 2: May 25 – Aug 28				Round 3: Aug 31-Dec 4			
Feb	Mar	Apr	May	May	Jun	Jul	Aug	Aug	Sep	Oct	Nov
Not Available				Not Available				Available			

- 14-15 students form an online group – from your school or multiple small schools.
- You can involve a full class of 28-30 students – this is classified as 2 groups.
- We operate on a cost recovery model – invest a small fraction of FTE or cash.
- Round 3 cash option is \$290 per student or \$4300 per group of 15 students.**
- Danger Zone* involves an additional excursion charge of \$35pp plus transport.
- Your school is investing in the time of a specialist teacher who works directly with your students and staff and is employed by the Department of Education.
- Consider using [Investing for Success](#) or [Advancing STEM in primary schools](#) funds.
- See [How it works](#) and [Investment options and costs](#) for specific details.



STEM SUCCESS

STAFF: The Danger Zone project has provided students with real life engagement using the scientific process. Focussing on something that they feel passionate about has increased their motivation to be successful. The whole unit has been useful and the skills students have developed are transferable to other science units and other learning areas.



STUDENT: I've learnt a lot in this AWESOME Danger Zone project like how we could scientifically help the endangered or threatened animals. We went on a trip to see the animals at a zoo and ask questions. Honestly I think this is an effective and exciting way to learn.

STUDENT: It's exciting to be learning new skills such as organising data, researching and making sure that your sources are reliable. I could use these skills later in pretty much any subject that involves studying and collecting information.

[Register Here](#)

[How it works](#)

[Investment options and costs](#)

[View all programs](#)