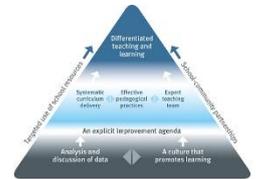


BE A STEM LEADER

Invest in student, staff and school improvement



SHAPE UP – YEARS 5-6

[Register Here](#)

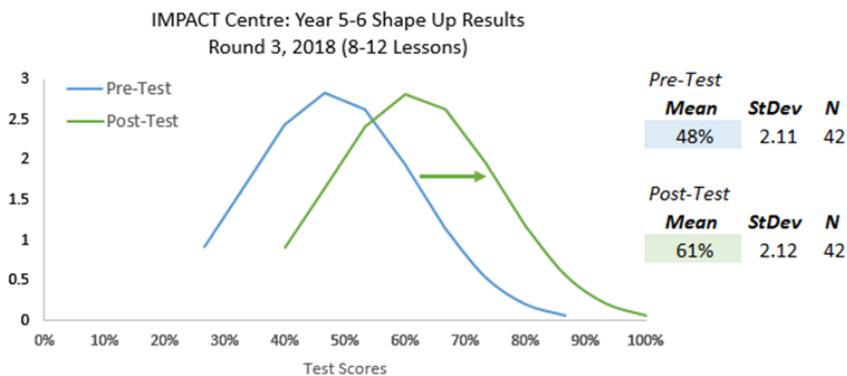
✓ Differentiate teaching and learning

Shape Up develops students' ability to apply mathematics, numeracy and technology skills to real-world contexts. Your students will:

- practise and apply thinking skills to mathematics-based design challenges that focus on the number, shape and measurement strands of mathematics;
- be taught by a specialist teacher from the IMPACT Centre;
- build technology skills and confidence for future online learning and assessments.

✓ Improve outcomes

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



✓ Deliver curriculum

AUSTRALIAN CURRICULUM - Content Descriptors

Mathematics - [ACMNA123](#), [ACMMG109](#), [ACMMG138](#),
[ACMMG090](#), [ACMMG087](#)

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, and design tasks collected in a digital 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>Shape Up</i> and online learning skills
2	Pre-test, See-Plan-Do-Check approach, self-designed house plan.
3	Inquiry and design focus – perimeter of the fenced yard.
4	Inquiry/design focus – area of whole house, whole block and yard space.
5	Inquiry/design focus – volume of indoor ‘prism shaped’ objects.
6	Consolidation of perimeter, area and volume. Feedback on portfolios.
7	Inquiry/design focus – frames (borders) for 4 pieces of indoor artwork.
8	Inquiry/design focus – surface areas of 3D outdoor items.
9	Inquiry/design focus – vol. of outdoor ‘composite prism shaped’ objects
10	Consolidation of perimeter, area and volume. Feedback on portfolios.
11	Post-test, complete portfolios.
12	Share portfolios, reflect on project, efforts and achievements, celebrate.

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 – *Shape Up* is available in Rounds 2-3 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				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.**
- 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: Our students have been very receptive to this project and all have indicated that it is really worthwhile engaging in it. "Fun" has been used often to describe their involvement. They have indicated that they love engaging with their online teacher. Everything is explained visually, when the students can see the lessons it all become clear to them.

STUDENT: Before Shape-Up, I was familiar with volume, capacity, area and perimeter. After Shape-Up I understand them all very well now. Shape-Up has helped me improve.

STUDENT: My favourite activities have been doing portfolio and improving every week. This has helped me because it is practical and I can work with the maths and technology together.

STUDENT: I have really enjoyed Shape Up. My favourite thing about it so is making our own house. Thank you so much for teaching me.

[Register Here](#)

[How it works](#)

[Investment options and costs](#)

[View all programs](#)