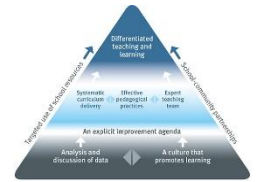


BE A NUMERACY LEADER

Invest in student, staff and school improvement



SOLVE IT - YEARS 2-3 - U2B

[Register Here](#)

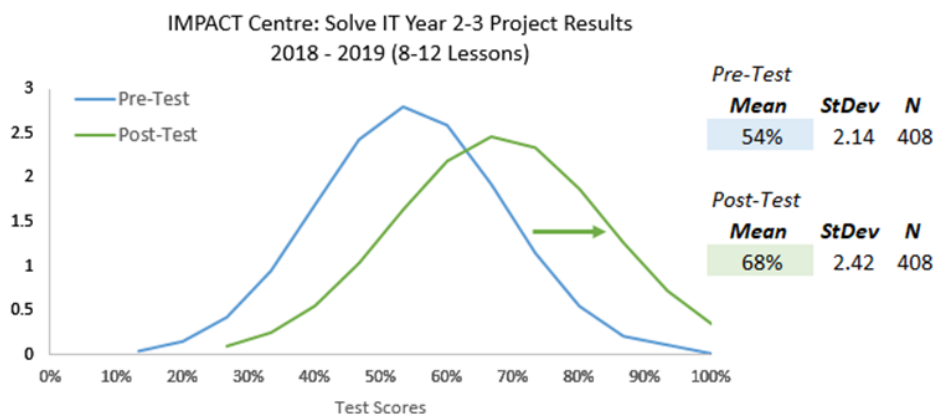
✓ Differentiate teaching and learning

Solve IT develops students' ability to solve complex numeracy problems through the use of a problem-solving approach, strategies and collaboration. Your students will:

- learn and apply a process for comprehending and solving problems;
- develop a bank of problem-solving strategies to use on demand;
- 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 2-3 Solve IT* students significantly improved from pre- to post-assessment in 2018-2019.



✓ Deliver curriculum

AUSTRALIAN CURRICULUM - Content Descriptors

General Capabilities

Mathematics - [ACMNA291](#), [ACMNA080](#), [ACMNA107](#)



✓ 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.



(07) 3634 1888



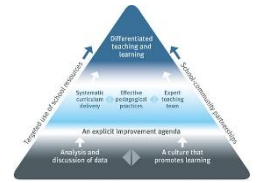
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Student target group

- Your school determines which students participate.
- As a guide, most schools select students who are tracking towards the Upper 2-3 Bands in Numeracy - Year 3 students for Round 1, Year 2 students for Rounds 2-3.
- Teacher judgement, data and student interest in the topic should assist selection.
- Student or parent nomination is also an option.

Assessment and reporting

- Assessment involves a numeracy problem-solving pre-test to provide diagnostic data and a post-test to measure distance travelled.
- 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>Solve IT</i> and online learning skills
2	Pre-Assessment—Introduction to See, Plan, Do, Check Think board
3	Strategies for Addition and Subtraction – P1, Part Part Whole Focus
4	Strategies for Addition and Subtraction – P2, Part Part Whole Focus
5	Strategies for Spatial Reasoning – P1, See the Parts Focus
6	Spaced Learning – revision and consolidation of strategies
7	Strategies for Multiplication and Division – P1, Mad Triangle, Inverse relationships
8	Strategies for Multiplication and Division – P2, Mad Triangle, Inverse relationships
9	Strategies for Spatial Reasoning – P2, See the Parts Focus
10	Spaced Learning – revision of all topics covered
11	Post-Assessment—elearn test
12	Celebrate Success and Reflection—review, consolidate and celebrate success

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 - *Solve IT* is available in all rounds.

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
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 internal school budgets.
- See [How it works](#) and [Investment options and costs](#) for specific details.



NUMERACY SUCCESS

STAFF: The IMPACT projects provide our school with the opportunity for students to work in a different learning environment and with other teachers. This delivery format really develops the independent skills of our students and extend their learning. The online teacher was great and his manner was always encouraging and supportive. The lesson content was sequential and easy to follow.

STUDENT: Learning online is special because it is easier to show people things. I really enjoyed doing IMPACT all twelve weeks as it was kind of different than on paper. Thank you for helping me be confident with math because before I was really nervous.

STUDENT: Solve IT will help me get a good job. I learn from my mistakes and stay with problems longer. My web conference skills have improved. I know how to blog and do online quizzes in eLearn.

STUDENT: My computer skills have improved and my math skills have too!

[Register Here](#)

[How it works](#)

[Investment options and costs](#)

[View all programs](#)