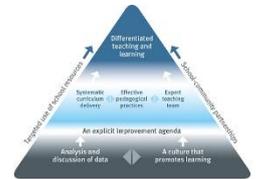


BE A STEM LEADER

Invest in student, staff and school improvement



DESIGN IT – YEARS 5-6

[Register Here](#)

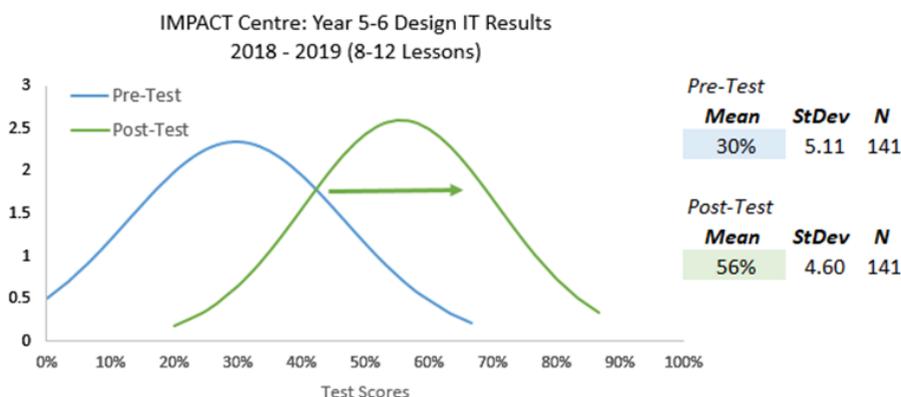
✓ Differentiate teaching and learning

Design IT develops the design thinking, critical thinking, problem-solving and technologies skills needed to create designed solutions. Your students will:

- develop design and technologies processes and production skills by engaging in a series of exciting design challenges;
- 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 Design IT* students significantly improved from pre- to post-assessment in 2018-2019.



✓ Deliver curriculum

AUSTRALIAN CURRICULUM - Content Descriptors

Technologies - [ACTDEK010](#), [ACTDEP014](#),
[ACTDEP015](#), [ACTDEP017](#), [ACTDEP018](#)

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 a series of design challenges 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>Design IT</i> and online learning skills
2	Pre-test, the design process, evaluating designs
3	Famous designers, materials used in design, collaborative check-in
4	Product Design: check-in 1 – investigate and evaluate
5	Graphic Design: generate and evaluate
6	Environmental Design: engineering – investigate and generate
7	The Supply Chain: ethics, environment and sustainability
8	Famous designers, collaborative check-in
9	Product Design: Check in 2 – Generate and Evaluate
10	Electronics and Scratch: computational thinking, functionality
11	Post-test. Electronics and Scratch
12	Review, consolidate and extend electronic kit designs and Scratch

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 – *Design IT* 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.**
- Design IT* involves an additional charge of \$35pp for an electronics kit.
- 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 IMPACT Design IT course has supported our school on our Technologies journey. It has expanded the teachers and students knowledge of the curriculum and engaged everyone's interest. The children have developed so much more confidence in their ability to design products. It has also clarified for them that design is more than just creating but investigating and analysing. Every lesson was really engaging and I do believe delivering the program in the online format increased engagement and participation.

STUDENT: I feel great and very excited about learning new things and have very much enjoyed what we've learnt so far. IMPACT has improved my skills and knowledge and has developed and increased my creativeness of thinking. The Design process has had an impact (NO PUN INTENDED) on my life for the better.

STUDENT: When I come to Design IT I always feel like I'm gonna have such a good time and I do. This has been such a good program and I hope to do it again.

[Register Here](#)

[How it works](#)

[Investment options and costs](#)

[View all programs](#)