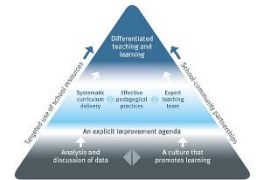


BE A STEM LEADER

Invest in student, staff and school improvement



WEB CODER – YEARS 5-6

[Register Here](#)

✓ Differentiate teaching and learning

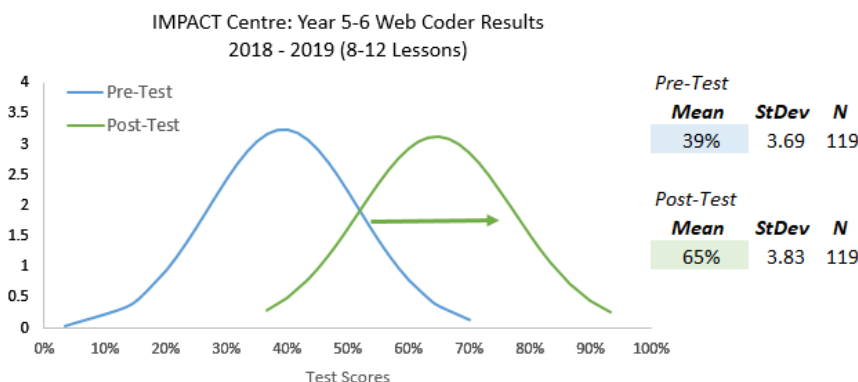
Web Coder develops students' coding, problem-solving and thinking skills with a focus on the technology of the internet. Your students will:

- enhance their coding skills with a focus on HTML 5, CSS and electronic kits;
- be taught by a specialist teacher from the IMPACT Centre;
- build technology skills and confidence for future online learning and assessments.

NB: We recommend that students complete *Code Breaker* prior to *Web Coder*.

✓ Improve outcomes

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



✓ Deliver curriculum

AUSTRALIAN CURRICULUM - Content Descriptors

Technologies - [ACTDIK014](#), [ACTDIK015](#), [ACTDIP016](#),
[ACTDIP017](#), [ACTDIP018](#), [ACTDIP019](#)

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.



(07) 3634 1888



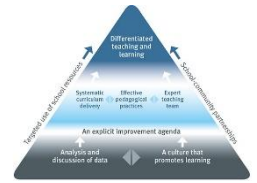
admin@impact.eq.edu.au



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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 check-in programming 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>Web Coder</i> , design thinking, avatar
2	Pre-test, network systems, differences in code
3	Computer Science Graphing (CS), introduction to HTML code
4	Typoglycemia (The Typo), problem-solving with HTML code
5	Programming in HTML, HTML 5 check-in
6	Human Interface Design (HID), introduction to CSS code
7	Encryption (Cipher), problem-solving with CSS code
8	Programming in CSS, CSS Code check-in
9	Introduction to electronics and kit
10	Programming in electronics, conductivity with electronics
11	Programming your electronics kit, electronics check-in
12	Futures Thinking, the real world of code

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 - *Web Coder* 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.**
- Web Coder* 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 lessons have been great - the pacing is good. I have developed skills and knowledge in the coding and web designing area which links to my role this year as Digital Tech Ambassador for our school. IMPACT projects are a valuable resource for schools as it provides safe, secure and informative lessons in a new approach. Students are always engaged and challenged. We love IMPACT!

STUDENT: I have learnt many many things during my time in Web Coder. Things like HTML 5, CSS 3 and even Java Script. I have learnt how information is transported around the world and how algorithms are used to solve problems. Web Coder is truly amazing. I feel surprised at all this knowledge. With this knowledge, I would bring it with me to High School to help improve and further my knowledge. Thank you Web Coder. :) :)

STUDENT: I FEEL AWESOME! and smarter than I was before and I think this'll help my future career choice. I can now code HTML CSS and Java Script and changing variables is also added to my skill set.

[Register Here](#)

[How it works](#)

[Investment options and costs](#)

[View all programs](#)