

Her future begins here

To enable our girls to be women of the future, the School is undertaking a significant upgrade to the Science Laboratories in the Edna Holmes Centre for Science.

This redevelopment will enhance the delivery of science learning and improve the capacity for our girls to succeed in an emerging workforce based in the science and technology industries.

Key features include:

- Larger and more flexible laboratories to accommodate scientific inquiry and practical work;
- Addition of a third 'Wet' Laboratory for Junior Science Classes;
- Creation of a new TIDE (Technology, Innovation, Design & Engineering) Laboratory, specifically incorporating a new Robotics store and Optics Lab;
- Installation of emergency eyewash and shower units in all laboratories to improve safety and risk management;
- Extensive refurbishment of the existing Science Centre Courtyard.

This project forms part of a broader strategic intention to strengthen Science, Technology and Mathematics learning at St Catherine's School.

It complements the addition of a purpose-built STEM Laboratory and the recruitment of a Science specialist teacher in the Junior School.

Research completed in 2015 by Organisation for Economic Co-operation and Development (OECD) revealed girls enrolled at 'all-girls' schools were more likely to study STEM-related subjects such as Physics and Mathematics at a senior level. St Catherine's wishes to capture this interest through the delivery of state-of-art facilities and to enable their confidence to flourish in the STEM subjects.

Design

The School has engaged the services of Andrew Croxon from Croxon Ramsay Architects for the Science Laboratories upgrade. This will ensure a consistent thematic design for the School with recent projects including the Senior School Renewal incorporating the development of the Mary Davis Centre and Junior School redevelopment, currently underway.

Timing

It will be necessary to phase the project over two years to enable teaching spaces to be retained and to meet the demands of the Senior School timetable. Phase 1 will include the re-development of two 'Wet' laboratories and is due to commence in September 2017.

Cost

The total estimated cost is \$3 million.

For further information, and to invest in the future of STEM at St Catherine's, please contact: Mr Stuart Galbraith, Director Development and Community Relations

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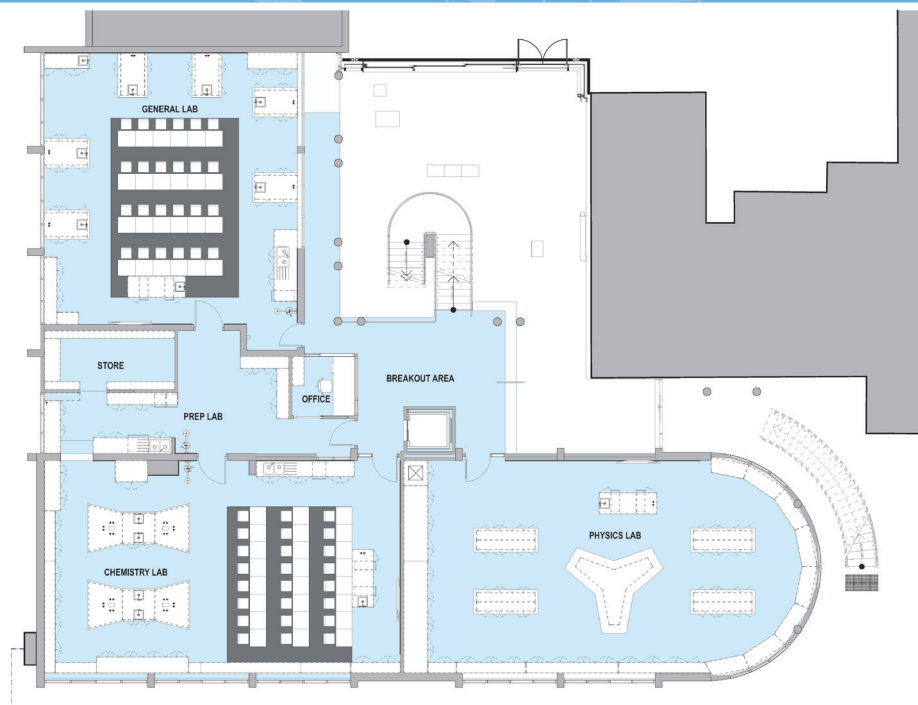
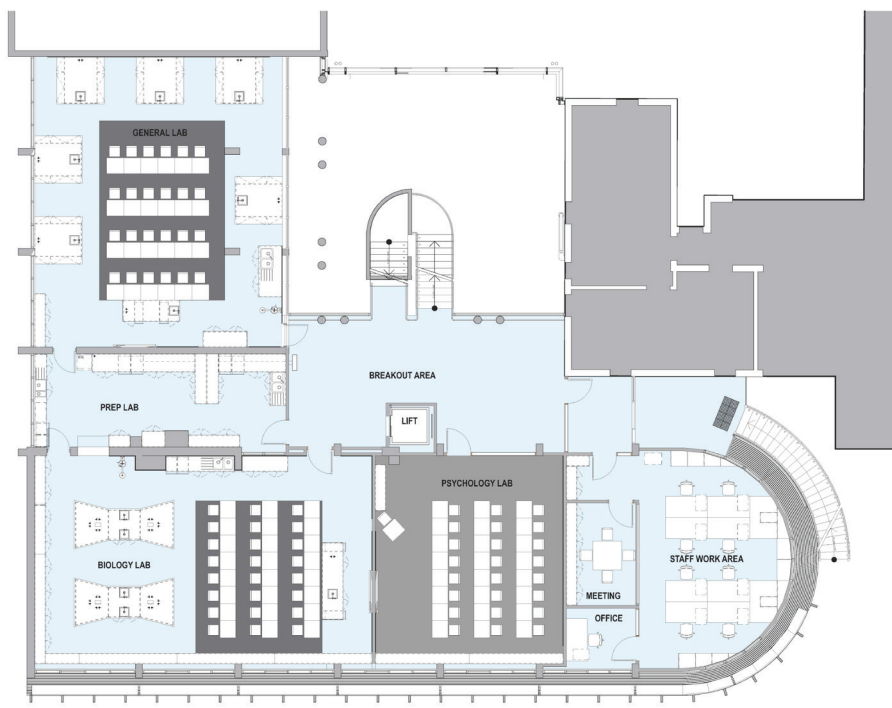


Edna Holmes Centre for Science – Upgrade of Laboratories Expansion

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Ground Floor

- Three fully refitted laboratories incorporating a Biology Lab, a 'Wet' Lab and Psychology Classroom;
- Aquarium;
- Refurbished Science Centre Courtyard including a green wall and glass display cabinets;
- New Staff Office.



First Floor

- Three fully refitted laboratories incorporating a Chemistry Lab, a 'Wet' Lab and Physics/ TIDE Lab;
- Chemical storage and preparation labs;
- Student – Teacher meeting space.

Science Precinct Expansion and Upgrade – Architect plans

Architect: Croxon Ramsay

Project cost: \$3 million

Timeframe: September 2017 for completion 2020