

# TRANS FORM ANCE

TRANSFORMING  
THE LEARNING  
LANDSCAPE

Learning Environments Australasia  
19th Annual Conference

28-31 MAY 2019  
Perth Convention  
& Exhibition Centre  
[transformance.a4le.org.au](http://transformance.a4le.org.au)



## WESLEY COLLEGE – MILFRED MANNING SCIENCE CENTRE Coode Street, South Perth

**Architect:** Taylor Robinson Chaney Broderick

**Building Contractor:** Cooktown Constructions

### Educational and architectural ideas:

The design of the new Mildred Manning Science Centre was a response to Wesley College's desire to create a new facility that ensures the students have access to the best possible science-focused facilities and collaborative learning environments, supporting their vision to be an innovative learning community in which students are empowered to lead purposeful lives.

The new building has been created through the recycling of the original 1950's Science building and the result is a 'state of the art', contemporary learning centre. It provides cutting-edge open flexible, interactive workspaces. The students sensory experience enhances their everyday learning through the use of light, colour, motion, living walls, acoustics and tactile and writable surfaces.

New technologies have been incorporated that allow students to be connected with current scientific research and discovery happening around the world.

Students are able to 'live' science, as they learn.

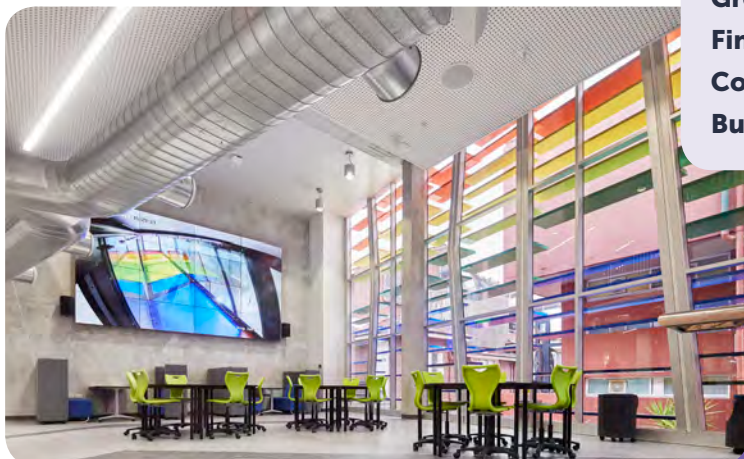
A drop zone through 3 floors serves as both a data collection and observation tool, allowing students to track live data of falling objects under experimental conditions. Each floor level features live interactive walls with moveable furniture and a serviced demonstration bench, moving away from the stationary 'Lab'. Data collected from the building itself will be monitored through the BMS system and provide content on light, Co2 Levels, sound and rain water collection.

The result is the creation of a learning environment where students and teachers explore and seek to understand the natural world around them.

This project was awarded the AIA Architecture Award in 2018 in the Education Category.

### FACTS / FIGURES:

<b>Gross Floor Area</b>	1900m <sup>2</sup>
<b>Final Contract Sum</b>	\$7.5m (ex GST)
<b>Cost per m<sup>2</sup></b>	\$3,950/m <sup>2</sup>
<b>Building Completion</b>	3 April 2017

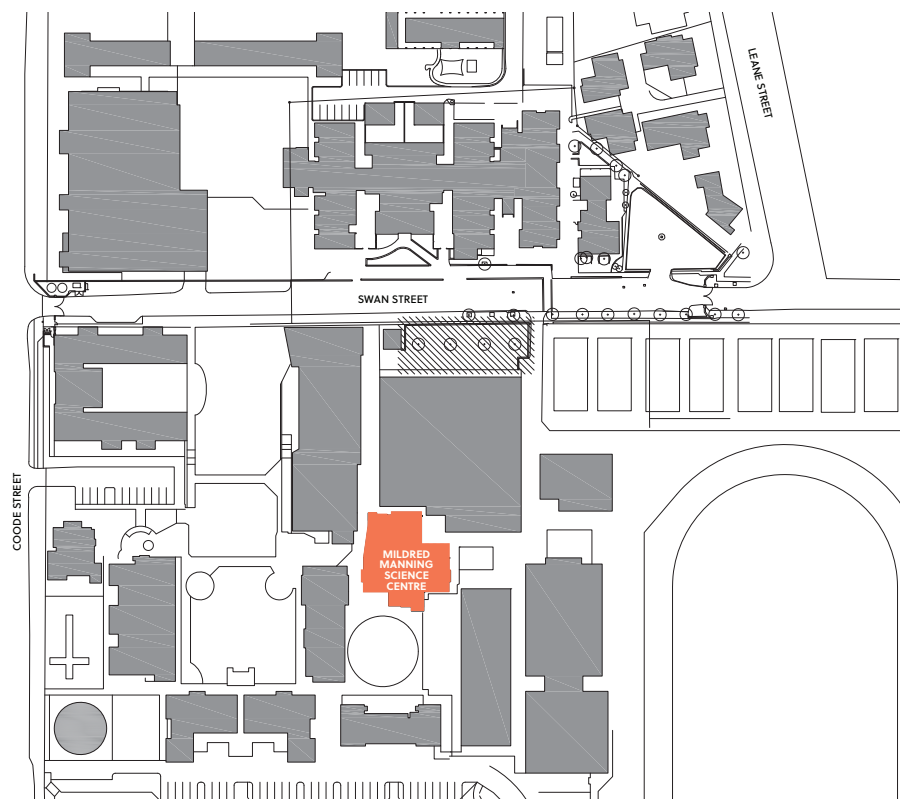


**Photographer:** Acorn Photo + Kelly Bucksey

Tour sponsored by:



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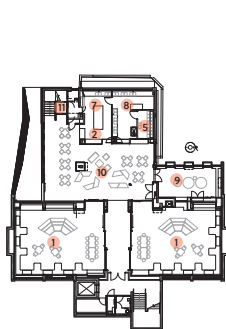


Site Plan  
Mildred Manning Science Centre

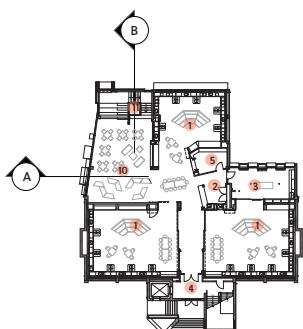
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LOWER GROUND FLOOR PLAN



GROUND FLOOR PLAN



FIRST FLOOR PLAN

## LEGEND

- 1 Laboratory
- 2 Science central
- 3 Project workspace
- 4 Lobby
- 5 Store
- 6 Existing ramp
- 7 Open prep area
- 8 Closed prep area
- 9 Aquaponics
- 10 Agile learning zone
- 11 Drop Zone

Floor Plans  
Mildred Manning Science Centre

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