

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



CECIL ANDREWS COLLEGE STEM CENTRE 39 Seville Drive, Seville Grove

Architect: Gresley Abas Architects

Building Contractor: Universal Constructions

Educational and architectural ideas:

Our goal as Architects for this Science, Technology, Engineering and Maths Centre was to design a flexible and stimulating environment that would promote the cross curriculum innovative teaching practices that are central to the STEM philosophy.

All key learning spaces have been designed to be open and as flexible as possible within the bounds of the brief, to support the cross curricula nature of STEM. The design intent is that the operable walls will always be kept open, allowing these spaces to function as one large learning environment, which will help to promote creative and critical thinking. The heart of the building is the entry foyer and model display. This space is a place where students can meet in small groups and discuss ideas and the development of their projects on display. This ability to showcase learning and design thinking through prototyping is central to the STEM philosophy.

A key principle of STEM is innovation. Gresley Abas created an environment which nurtures this concept by creating a stimulating environment full of texture and colour that we hope will help to promote creative thinking.

To support the STEM concept of incidental learning, the interior and exterior of the building have been designed to highlight and celebrate the fibre of the building - from the striking steel truss structures, to the rainwater collection, the solar panels that provide the sun shade for the outdoor learning space, and the bold mechanical extraction ducts.

FACTS / FIGURES:

Gross Floor Area	745m ²
Final Contract Sum	\$3.28m (ex GST)
Cost per m²	\$4,150/m ² (ex GST)
Building Completion	December 2016



Photographer: Rob Frith

Tour sponsored by:

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