The Design and Technology Cube will be a centre of innovation, where boys will discover new possibilities in the rapidly progressing fields of Design and Technology, and Engineering. Learning will occur through collaboration and experimentation in both traditional skills and emerging processes. In state-of-the-art workshops and design studios, our boys will develop skills in design, testing and refinement that are essential to every field of enterprise.

As the Sir Zelman Cowen Centre for Science nears completion, the School, supported by the School Council, will commence the next stage of its development plan by turning its focus to the emerging power of Design and Technology, and the challenges and opportunities of a disruptive world.

Design and Technology, which is currently taught in three facilities, will be consolidated in a new centre at the south-west corner of the Glenn Centre, offering a home for the innovation and enterprise that will fuel our future economic prosperity. Making use of a dormant site, this new building will help establish a coherent STEM (Science, Technology, Engineering and Mathematics) precinct, linking the Sir Zelman Cowen Centre for Science, the teaching of Mathematics, the Art department, and the facilities of the Grounds and Maintenance department.

The Scotch of today is the result of a longstanding philanthropic commitment by many. The School Council, the Principal and the Scotch College Foundation – with the support of the Old Scotch Collegians’ Association – are committed to this next exciting development in Scotch’s STEM facilities.

I hope you will join us in continuing the momentum of the Engaging Curious Minds campaign and that you will generously support the Design and Technology Cube.

Mr Michael Robinson AO (’55)
Scotch College Foundation President
FROM THE CHAIRMAN AND PRINCIPAL

Scotch seeks to empower boys to find their interests, make best use of their talents, and, in doing so, pursue lives of engagement, responsibility, purpose and service.

A Scotch education is founded on experience and rich traditions, and strengthened with the fruits of reflection and research.

The continuing development of our wonderful campus at Hawthorn is designed to support the School’s educational objectives. As a clear and accessible example of the design process itself, the Design and Technology Cube will deliver a continual creative stimulus for boys and staff, while providing purpose-built spaces in which they can engage, reflect and refine.

The School’s educational strategy is premised on intimacy, relationships and engagement, and based on conversations of learning between and amongst boys and staff. By knowing each boy, we are able to help him to identify and make the most of his opportunities – developing interests that can become passions and fostering habits of mind that will continue with him for life.

In an information-rich age, boys will acquire the discernment, not only to identify problems to be solved, but also the specific skills and people required to bring their plans to fruition.

Across the full range of our diverse intake, each boy will be able to explore all that is inherent in transforming an idea into a solution to a real-world problem. In so doing, boys will be empowered with the adaptability and purpose to take control of their lives and be a positive influence in a complex, exciting world of challenge and opportunity.

As in the past, the School, and the School Council supported by the Foundation, will look to engage the Scotch Family to help deliver this exciting project.

For more information about the Design and Technology Cube, and how you might make our plans a reality, please contact the Director of Development, Tim Shearer, on +61 3 9810 4301 or tim.shearer@scotch.vic.edu.au.

ABOUT THE PROJECT

The Design and Technology Cube is a contemporary response to both the ever-evolving discipline of Technology and the School’s commitment to creativity and progress built on sound academic principles.

Supporting the iterative nature of design and problem solving, the Centre is premised on a seamless flow between studios incorporating wet-lab and design facilities and spaces for computer-aided design and fabrication.

The new Design and Technology Centre will set a benchmark for buildings supporting the teaching of the design process. Situated at the south-west corner of the Glenn Centre, the stunning new home for Design and Technology will feature views across the Meares Oval and the Yarra River to the west, and across sporting fields and Gardiners Creek to the south.

As the design process responds to advancement in technology, so too must the spaces in which people create solutions to real-world problems evolve. The spaces of the Design and Technology Cube have been purposely formed to embrace and enhance the relationship between the design and making phases, and the interaction of people, ideas, materials and technologies which supports this iterative process.

Such spaces include:

• Two design studios, each attached to a multi-purpose workshop
• An electronics laboratory attached to a large multi-purpose junior workshop
• A systems engineering laboratory
• An open plan staff hub, promoting conversation and innovation across all phases of the design process.

PROJECT TIMINGS

Works on this exciting project are anticipated to begin in late 2016, with the new Design and Technology Centre expected to be operating by mid-2017. This project will also enable a series of much-needed improvements to take place in the precinct directly behind the main Quadrangle. There will be more information about these exciting developments in due course.

* Architectural renders correct at time of printing and subject to change.