

THE BANYULE-NILLUMBIK TECH SCHOOL

The Tech School initiative is part of the Victorian Government's commitment to creating the Education State, ensuring every Victorian student has access to a great education.

THE BANYULE-NILLUMBIK TECH SCHOOL VISION

"The vision for the Banyule-Nillumbik Tech School is that it is an innovation hub that sparks creativity and imagination through technology, local community and global connections"

The Banyule-Nillumbik Tech School will operate differently to a school. It will be high-tech learning environments, with innovative education programs, hosted by Melbourne Polytechnic and linked with local industry, delivering real world learning to students. Students from 18 participating schools in Banyule and Nillumbik will access the Tech School throughout the year for specialised programs



The Banyule-Nillumbik Schools will emphasise employability skills vital for the 21st Century and have a science, technology, engineering and mathematics focus. Tech Schools will enhance the programs that schools provide and help give students the skills they need to shape the future. They will also benefit teachers through professional development and enriched experience.

THE BANYULE-NILLUMBIK TECH SCHOOL

Secondary students from 18 partner schools in the Banyule and Nillumbik areas will have access to high-tech learning at the cutting edge Banyule-Nillumbik Tech School with real world industry connections:

The project is currently in an intensive planning and development phase, with the local partnership group progressing through streams of work that include curriculum development, infrastructure design, staffing, technology and equipment requirements, transport and how this central resource will service participating schools.

SITE AND HOST

Melbourne Polytechnic will host the Banyule-Nillumbik Tech School at its Greensborough Campus. Anticipated to open mid-2018, it will be housed in an existing building following a modern redevelopment and extension.

The architect for this project is [Tectura Architects](#).

The design of the Tech School has been to provide a learning environment that is stimulating and inspires students to learn within it and from it. Featured are a range of spaces which

enable students to have access to learning and resources in inventive ways enabling them to collaborate, ideate, innovate and investigate in new modes. This includes bespoke digital virtual labs, physical creation spaces, inquiry spaces, presentation spaces and integrated indoor-outdoor learning spaces.

The design phase is nearing the completion of the detailed design period and the images form some artist's impressions of the building design.

EDUCATION PROGRAMS

Key Principles

- inquiry based with stem (and steam) connections
- multi age/ multi stage
- cross school, cross sector
- builds capacity in students, schools, industry and community
- influences and advocates for new learning opportunities
- develops an 'innovation mindset'
- co-constructed: industry- education- community together
- applied & authentic learning
- The tech school is an incubator of learning practice

Key Learning Programs

- co-constructed inquiries into real world problems conducted with schools, industry and community
- offers a range of related inquiries that schools select according to requirements
- event based learning opportunities (eg: hackathons, science fair, maker faires)
- facilitated masterclass sessions
- community/ outreach programs
- careers/ Industry hub
- provision of content, resources, expertise and connection
- out of hours programs

PARTNERS

School partners

- Austin Hospital School
- Bundoora Secondary College
- Catholic Ladies' College Ltd
- Charles La Trobe P-12 College
- Concord School
- Diamond Valley College
- Diamond Valley Special Developmental School
- Eltham College
- Eltham High School
- Greensborough Secondary College

Other Partners

- Banyule Nillumbik LLEN
- City of Banyule
- CISCO
- Diamond Valley Learning Centre
- Health Ability
- La Trobe University
- Melbourne Innovation Centre
- Melbourne Polytechnic



- Loyola College
- Macleod College
- Montmorency Secondary College
- Northern College of the Arts and Technology
- Parade College
- Plenty Valley Christian College
- St Helena Secondary College
- Viewbank College
- Microsoft
- Nillumbik Shire Council
- North Link
- Regional Development Victoria
- RMIT University
- Quantum Victoria

Local Tech School Ambassador: Vicki Ward, MP Eltham
Tech School Executive Director: Marc Blanks MarcBlanks@melbournepolytechnic.edu.au
Tech School Project Manager: Skylie Massingham SkylieMassingham@melbournepolytechnic.edu.au

Further information:

<http://www.schoolbuildings.vic.gov.au/Pages/Schools/Banyule-Nillumbik-Tech-School.aspx>