



innovation IN SCHOOLS



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NEW VENTURE INSTITUTE **Innovation** IN SCHOOLS

The skill set that our young people need as they move through and beyond schooling has changed.

Developing an entrepreneurial mindset is now an essential focus for learning throughout the school aged years. As the world embraces the fourth industrial revolution, the rise of Artificial Intelligence, rapid change in jobs and workforce, and ubiquitous and embedded digital technologies, NVI's **Innovation in Schools** prepares students and schools to thrive.

INNOVATION IN SCHOOLS brings innovation into the classroom, infuses it into curriculum and lifts the capability of schools across leadership, practice and staff competency. It is a comprehensive program of learning and development opportunities for schools, educators and students, tailored to primary and secondary schools. The program provides '*plug and learn*' solutions for classrooms, collaborative curriculum and innovation capacity building for schools and educators via immersive professional development and whole-of-school strategy development.

THE FRAMEWORK

INNOVATION IN SCHOOLS DELIVERS ACROSS FOUR FRONTS:

COLLABORATIVE CURRICULUM opportunities are delivered in partnership with NoTosh as well as with PhoneLabs. These immersive learning programs integrate into existing topic structures to develop innovation curriculum and foster the entrepreneurial mindset.

NEXT GEN INNOVATORS teaches opportunity identification and valuation, design thinking and lean startup methodology, suitable for aligning with SACE level subjects.

INNOVATIVE EDUCATORS are fostered through our cutting edge Professional Certificate in Innovation for Transformation, an immersive and just-in-time professional development course that articulates into award degrees, and leaves participants upskilled across the innovation toolkit. An introduction to this approach is delivered in our Differently Think workshop.

ENTREPRENEURIAL SCHOOLS are developed through Innovation Catalyst (powered by NoTosh) which brings the suite of innovation tools into the school, to create a core team for change and capacity building.



COLLABORATIVE CURRICULUM YEARS 3-10

INNOVATIONS IN STEM POWERED BY PHONELABS

Use a world-first innovation, the GoMicro, to investigate the world around, interact with VR or learn about the *Internet of Things*. These incursions deliver an innovative approach to STEM education.

INNOVATION KITCHEN FOR TEACHERS & STUDENTS POWERED BY NOTOSH

Foster a growth mindset and an entrepreneurial spirit using a flat learning structure, where teachers and students work together in teams. Interrogate the problem space, find problems worth solving and convert these into addressable opportunities. Each participant will practise innovation techniques to develop user-centric solutions and audience-aligned value propositions.

NEXT GEN INNOVATORS YEARS 11 & 12

SENIOR SCHOOL STARTUP POWERED BY NOTOSH

Our senior-school leavers will enter a workforce that is more fluid than ever, and rapidly changing. As our next generation workforce moves through multiple careers, having strong innovation skills and well-practised entrepreneurial experience is essential. Senior school startup provides a test, learn, activate and iterate environment for students to identify and scope problems and turn them into opportunities.

INNOVATIVE EDUCATORS GRADUATE EDUCATION

DIFFERENTLY THINK FOR EDUCATORS POWERED BY NOTOSH

A workshop that helps teachers to bring innovative thinking into the classroom and assists them to develop learning opportunities for their students that solve real-world challenges in a creative, immersive and collaborative way.

PROFESSIONAL CERTIFICATE IN INNOVATION FOR TRANSFORMATION

An immersive, accelerated learning course for teachers that combines theory, practice and continuous development to ensure the competencies of the '*craft of innovation*' are developed. This non-award course articulates into Graduate Certificate, Graduate Diploma and Master's degrees focused on innovating to transform practice, all of which are immersive education, embedded in daily work.

ENTREPRENEURIAL SCHOOLS STRATEGY & MANAGEMENT

INNOVATION CATALYST POWERED BY NOTOSH

Create an internal design team and catalyse innovation across the school. Immerse participants in a *design thinking* workshop tailored to your school's unique ecosystem in order to identify entrepreneurial opportunities. Prototype and test solutions to determine steps forward in creating new best-practice for your school. Teams and solutions may address complex issues and may involve trans-disciplinary teams as needed.

COLLABORATIVE CURRICULUM
YEARS 3-10

**Plug and learn solutions
to engage young minds in
entrepreneurial thinking.**

NVI's **Collaborative Curriculum** is designed to develop the entrepreneurial mindset in children from across the junior high and primary years of education. Delivered in partnership with leading educational designers, **NoTosh** and science education startup **PhoneLabs**, these are ready to tailor, curriculum aligned experiences that enrich your school's offering.

Find out which of our plug and learn innovation programs fits you.



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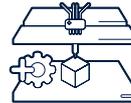
INTERNET OF THINGS

A fun-filled introduction to the Internet of Things through music and physical activity. Students understand signals and how devices can talk to other devices.



GO EXPLORE

Students explore the microscopic wonders of the world around them. There are a series of sessions that the school can choose from.



ADVANCED MANUFACTURING

This session will introduce students to **4.0 Manufacturing**, next generation 3D printing and will take them on a visit to the robotics lab.



EXPERIENCE VR

An out of this world experience sees students working in teams to solve problems in a virtual world. This may include a tour of the solar system in *Titans of Space*, a Mars odyssey, or solving engineering problems in fantastic contraptions.



EXPERIENCE INNOVATION

In groups, students will pitch a ground breaking idea based on historical innovation to a potential investor. Participants will learn about pitching and the challenges in promoting novel ideas and concepts to sceptics.



MEET REAL ENTREPRENEURS

In this session, students get to hear three entrepreneurs speak about their venture(s), with time to ask questions about the entrepreneurial journey.



**INNOVATION KITCHEN
POWERED BY NOTOSH**

An immersive innovation experience where teachers and students team up to tackle innovation challenges. They will interrogate the problem space, find problems worth solving and convert them into addressable opportunities.



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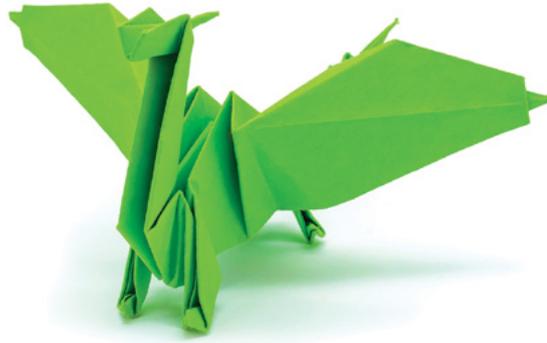
PHONELABS



**ENTREPRENEURIAL SCHOOLS
STRATEGY & MANAGEMENT**

**Build the entrepreneurial
mindset into the heart of
your school.**

NVI's **Entrepreneurial Schools** program is designed to help shape your school's success well into the future, embedding innovation and agile thinking in the way your school faces the challenge of a changing world, and how it delivers education to our next generation.



INNOVATION CATALYST
POWERED BY NOTOSH

Create an internal design team of educators and managers and catalyse innovation across the school. Immerse participants in a *design thinking* workshop tailored to your school's unique ecosystem in order to identify entrepreneurial opportunities. Prototype and test solutions to determine steps forward in creating new best-practice for your school. Teams and solutions may address complex issues and may involve trans-disciplinary teams as needed.



OBJECTIVE:

Develop a school-wide growth mindset and learn basics of *design thinking*

- ▶ Design thinking: immersion, synthesis, ideation, prototype, feed forward



FRAMEWORK:

- ▶ 30 participants—your teaching and management staff
- ▶ The program can be delivered over a 6 month timeframe or in condensed delivery over one term (10 weeks)
- ▶ Three contact days held at New Venture Institute (*Flinders at Tonsley*)
- ▶ Three 45-minute online coaching sessions
- ▶ Two information sessions from industry experts or thought leaders
- ▶ A half-day *Share & Inspire* session



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INNOVATIVE EDUCATORS
GRADUATE EDUCATION

**Inspire student outcomes
as an innovative educator.**

NVI's **Innovative Educators** program helps you to stay on the front edge of teaching in an innovation environment. From workshop opportunities that come to your school, to our Professional Certificate that articulates up to Master's, this is teacher training with a difference.



**PROFESSIONAL CERTIFICATE
IN INNOVATION FOR
TRANSFORMATION**

An immersive, accelerated learning course for teachers that combines theory, practice and continuous development to ensure the competencies of the '*craft of innovation*' are developed. This non-award course articulates into Graduate Certificate, Graduate Diploma and Master's degrees focused on innovating to transform practice, all of which are immersive education, embedded in daily work.



OBJECTIVE:

- ▶ Gain the skills of the craft of innovation



FRAMEWORK:

- ▶ 4 topics, intensive, on-campus, delivery
- ▶ 18 full-day intensives, 6–8 weeks full time or part time equivalent.
- ▶ Participants who go through will likely be or become your innovation ambassadors—able to conceive projects in the future and enable others
- ▶ Fully experiential and non-lecture based
- ▶ Tailored to primary & secondary educators

**DIFFERENTLY THINK
—FOR EDUCATORS
POWERED BY NOTOSH**

A workshop that helps teachers to bring *design thinking* into the classroom and assists them to develop learning opportunities for their students that solve real-world challenges in a creative, immersive and collaborative way.



OBJECTIVES:

- ▶ Build your creative thinking toolkit
- ▶ Understand how creative thinking may be measured



FRAMEWORK:

- ▶ 30 participants
- ▶ Runs over 2 days
- ▶ Held during school breaks
- ▶ Connected to industry through real scenarios
- ▶ Tailored to primary & secondary educators



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NEXT GEN INNOVATORS
YEARS 11 & 12

Innovative minds meet the opportunities of a changing world.

Our **senior school leavers** will enter a workforce that is more fluid than ever and rapidly changing. As our next generation workforce moves through multiple careers, having strong innovation skills and well-practised entrepreneurial experience is essential. Senior school startup provides a test, learn, activate and iterate environment for students to identify and scope problems and turn them into opportunities.

SENIOR SCHOOL STARTUP
POWERED BY NOTOSH

Find an enterprise opportunity, test your most risky assumptions and create a minimum viable idea for market. For senior years' students, this program is immersive and action based. It is aimed at developing the innovation skill set that will see today's school graduates succeed.

Students will also hear from a range of experts in business and design and teachers will be supported with sideline professional coaching.



OBJECTIVE:

- Develop a growth mindset, learn basics of *design thinking*
- ▶ Design thinking: immersion, synthesis, ideation, prototype, feed forward



FRAMEWORK:

- ▶ 30 participants—participants can be from a single or multiple schools
- ▶ Program delivered over one term (10 weeks)
- ▶ Three contact days held at New Venture Institute (*Flinders at Tonsley*)
- ▶ Three 45-minute online coaching sessions
- ▶ Two information sessions from industry experts or thought leaders
- ▶ A half-day *Celebration Pitch* session



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