The Impact of the Pandemic on the Future of Learning

with guest speakers
Professor Susan Danby
Professor Simone White

Starting shortly
The Impact of the Pandemic on the Future of Learning

Introduced by Professor Melinda Edwards

Starting shortly

QUT eX Professional and executive education

real world futures

#futureworking #futurethinking #futureliving
Acknowledgement of Traditional Owners

QUT acknowledges the Turrbal and Yugara, as the First Nations owners of the lands where QUT now stands. We pay respect to their Elders, lores, customs and creation spirits. We recognise that these lands have always been places of teaching, research and learning.

QUT acknowledges the important role Aboriginal and Torres Strait Islander people play within the QUT community.
Professor Susan Danby

School of Early Childhood and Inclusive Education at QUT, and Director of the Australian Research Council Centre of Excellence for the Digital Child. Her early professional experiences as an early years educator in Australia and in the USA in government, not for-profit organisations, and social service agencies, provide strong foundations for working with families and industry.

Professor Simone White

Associate Dean (International and Engagement) in the Faculty of Education at QUT. Simone’s area of expertise is Teacher Education and her publications, research and teaching are all focused on the key question of how to best prepare teachers and leaders for diverse communities (both local and global) and new times.
Learners and Educators
Rapid changes

- COVID-19 has changed the world of learning in a heartbeat.
Pre-COVID media

Teachers, parents urged to engage young children with digital technology devices

By Lally Welsh
Posted 6 Oct 2015, 7:44pm

Kids Screen Time Debate
"How Much Screen Time"?
Is the wrong question

Early childhood experts say parents and educators should embrace digital devices for learning and play to ensure children are prepared for the future.
Coronavirus: 5 tips for navigating children's screen time during social distancing

During this pandemic, it is fair to say that pre-COVID-19 family routines may shift, or even completely fall apart! In our new...
What can we take forward?

• No longer a debate about digital technology for learning
• Learning is not a simple transfer from the classroom to online
• School is an important place for child safety
• Many Australian families have limited access to the digital world
• Learning is more than learning about curriculum. It includes learning about relationships and pedagogy
Two views of learning at home

Five reports on remote learning find vulnerable students could fall six weeks behind due to COVID-19-related measures

By national education reporter Conor Duffy
Posted 28 Apr 2020, updated 29 Apr 2020

Up to 46 per cent of Australian young people are at risk of adverse effects on their educational outcomes according to new research. (AAP: Paul Miller)

Does missing a term due to COVID-19 really matter? What happened to student results after the Christchurch quake

ABC Sunshine Coast / By Kathy Sundstrom and Rob Blackmore
Posted 17 Apr 2020

Noah Galway's school results didn't suffer even though he missed eight months when his family travelled Australia two years ago. (Supplied: Sharon Galway)
How do we go forward?

- Debunk the myth that children are digital natives
- Reinvest in learning and best ways to engage
- Shrink Australian digital divide for schools and families
- Upskill learning communities
- Identify teachers as essential all the time!
Theme: Moving Pictures

On Play School this week, we explore the creative use of technology through our exploration of moving pictures. In this series, we encourage children to create their own moving pictures by making up their own stories, having a go at directing or acting in their own film, and using technology to record them. We also look at how we can create moving pictures out of paper and other recycled materials.

Television shows, apps and online videos are enjoyed by both children and adults. Young children are increasingly playing and exploring with digital technology through access to smartphones and tablets. While such devices do not replace the value of real experiences with objects and other people both indoors and out, they can be used in playful and creative ways.

The complete Moving Pictures theme notes are available to download as a PDF. This can be read offline or printed.
Our approach

Healthy

Educated

Connected

Transdisciplinary

New Knowledge

Policy

Innovation

Practice
With the Centre …

Positive **technology design guidelines** to support innovation in health and education

Clear frameworks for **digital rights** and **digital safety**

Future-focused **digital education practices**

**Dedicated screen use policy** on the whole child

An enhanced research and professional **workforce**
• Children and young people who use digital technologies in ways that **support their wellbeing, learning and** capacity to be **socially and digitally connected**.

• Having access to **digital ways of living**, based on deep understandings of digital opportunities and risks.

• Enabling children to be:
  • informed citizens with **agency to critically engage** with digital technology and **lead** the digital knowledge economy
What are we starting to see through this pandemic?

Three observations
• Education and schooling is key to Australia’s economic productivity, as well as to the social and emotional wellbeing of all its citizens (of all ages).

• Educators play a vital role in not only supporting, encouraging and motivating learners, but also in nurturing and protecting learners.

• This pandemic has uncovered the significant role educators play in particular to the most vulnerable of students.
• An educator’s work now encompasses an ever-expanding set of new tasks and roles.

• Educators across all sectors have had to do a radical and fast-paced pivot to ensure learning and teaching occurs across multiple learning environments and platforms, in new partnership models.

• We are very fortunate in Australia that we have an education profession that is so skilled and creative.
• This pandemic has given parents, caregivers and families a chance to have a fresh perspective of their own children’s learning needs.

• Some parents are interested in further exploring their own role in supporting learning and in working with teachers and schools differently.
Three challenges and opportunities
Challenge

• There is a teacher shortage crisis in many communities across Australia.

Opportunity

• We need to truly value education and educators at this time….A positive response to the value of education could help address the potential crisis of a decline in the teaching workforce.
Challenge

• Supporting professional learning for educators in a time of expanding work and responsibility.

Opportunity

• New forms of professional learning and micro-learning

FREE PD

https://www.qut.edu.au/education/engage/connectedlearning
The Big Six and how phonics is only one part of learning to read

There is more to learning to read than just phonics. Learn about the Big Six and what children need to know in order to become effective readers in the following video you will learn about the Big Six. The Big Six came out of a large US, UK and Australia research review. I also explain why oral language is important in learning to read and write.

Example of micro credentials

Free intro course (2 hours)
Preview a course online for free on FutureLearn

Module (13 hours)
Want to learn more? Extend your knowledge with an online module

Module Plus (62 hours)
Complete an assessment that can be used in the real world. Plus, earn 6 unit credits towards a postgraduate degree

Postgraduate degree credit
Become an expert in your field. Put your credit towards a Graduate Certificate in Education or Master of Education
Challenge

• The changing partnership relationship between parents/caregivers and (formal) educators.

Opportunity

• New partnership models, communication and support development

Tips for parents and carers

Learning at home advice for parents
Dr Rebecca English

Create a learn-at-home space – ideas for school students
Adjunct Professor Hilary Hughes

How to find online content to support students’ learning at home
Dr Prue Miles

Making home education a positive experience for everyone
Dr Rebecca English
The future?
• Parents and caregivers (and other stakeholders) will seek out new ‘hybrid’ models of learning and teaching.
• New types of education jobs and career opportunities will emerge.
• New ways of valuing and ‘bundling’ professional learning is already occurring. They will require new ways of recognition and certification within the profession.
Technology is changing how we think, work and live.

QUTeX's Real World Futures program keeps track of what this means.

www.real-world-futures.qut.edu.au/