



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



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.



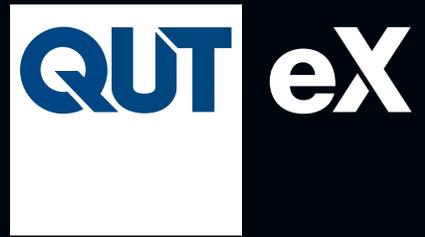
Professor Susan Danby

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.



The Impact of the Pandemic on the Future of Learning

**QUTeX Real World Futures
May 2020**

**Professor Susan Danby
Professor Simone White**





Learners and Educators



Learners

Rapid changes

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



Pre-COVID media



Sites ABC Log In Search

NEWS LOCATION: Brisbane, Qld Change

THURSDAY 24°C Currently 16° Feels Like 16° MIN 15° Detail

Just In Australia Votes World Business Sport Science Health Arts Analysis Fact Check Other

Print Email Facebook Twitter More

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

By Lucy Marks
Posted 6 Oct 2016, 7:06pm



PHOTO: Experts said balancing digital device use was like balancing a healthy diet. (Supplied: Early Childhood Australia)

Early childhood experts say parents and educators should embrace digital devices for learning and play to ensure children are prepared for the future.



Media during COVID



THE CONVERSATION
Academic rigour, journalistic flair

Q Search analysis, research, academics...

COVID-19 Arts + Culture Business + Economy Cities Education Environment + Energy Health + Medicine Politics + Society Science + Technology



Coronavirus: 5 tips for navigating children's screen time during social distancing

March 27, 2020 12:59am AEDT

Screen time can benefit children over age two if it's the right kinds of programming. (Vladimir Raic/Pixabay)

Email During this pandemic, it is fair to say that pre-COVID-19 family routines may shift, or even completely fall apart! In our new

Twitter 10

Authors

 Brae Anne McArthur

WORLD ECONOMIC FORUM Agenda Platforms Reports Events About English TopLink

COVID-19 Corporate Governance Digital Communications

Here's how you can make quarantine a productive time for your kids



Two friends play video games whilst talking through FaceTime. Image: REUTERS/Lee Smith

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

NEWS

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 28 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)

NEWS

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!

Play
School



About

[About Play School](#) | [Presenters](#) | [Toys](#) | [Weekly Themes](#) | [TV Schedule](#)

Weekly Themes

[All Weekly Themes](#)



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 films, 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.

Explore Play School

[Home Page](#)

[Games](#)

[Videos](#)

[Full Episodes](#)
[Clips](#)

[Make And Do](#)

[Print and Colour](#)
[Craft Activities](#)
[Recipes](#)

[About Play School](#)

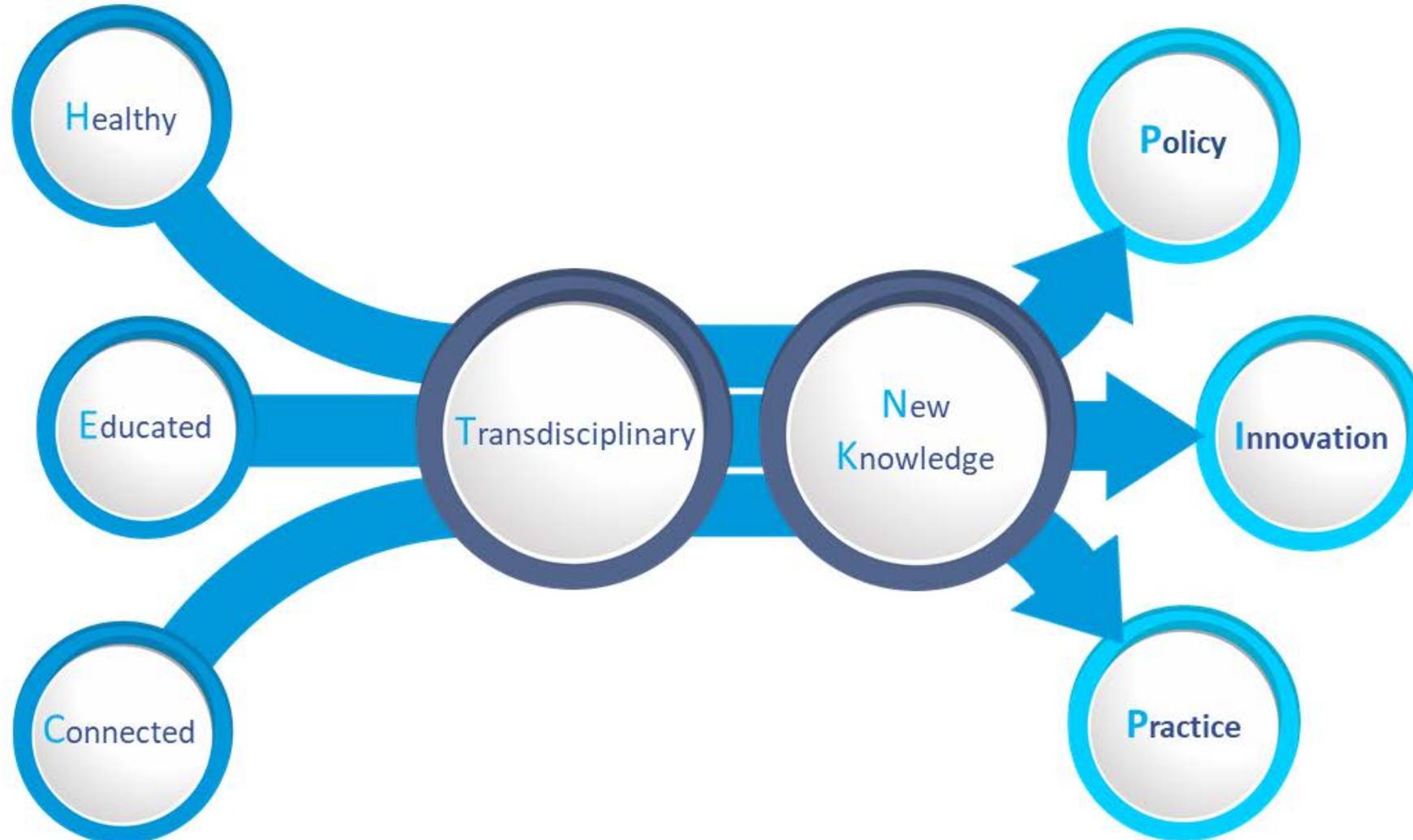
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Play School Play Time



Our approach





With the Centre ...

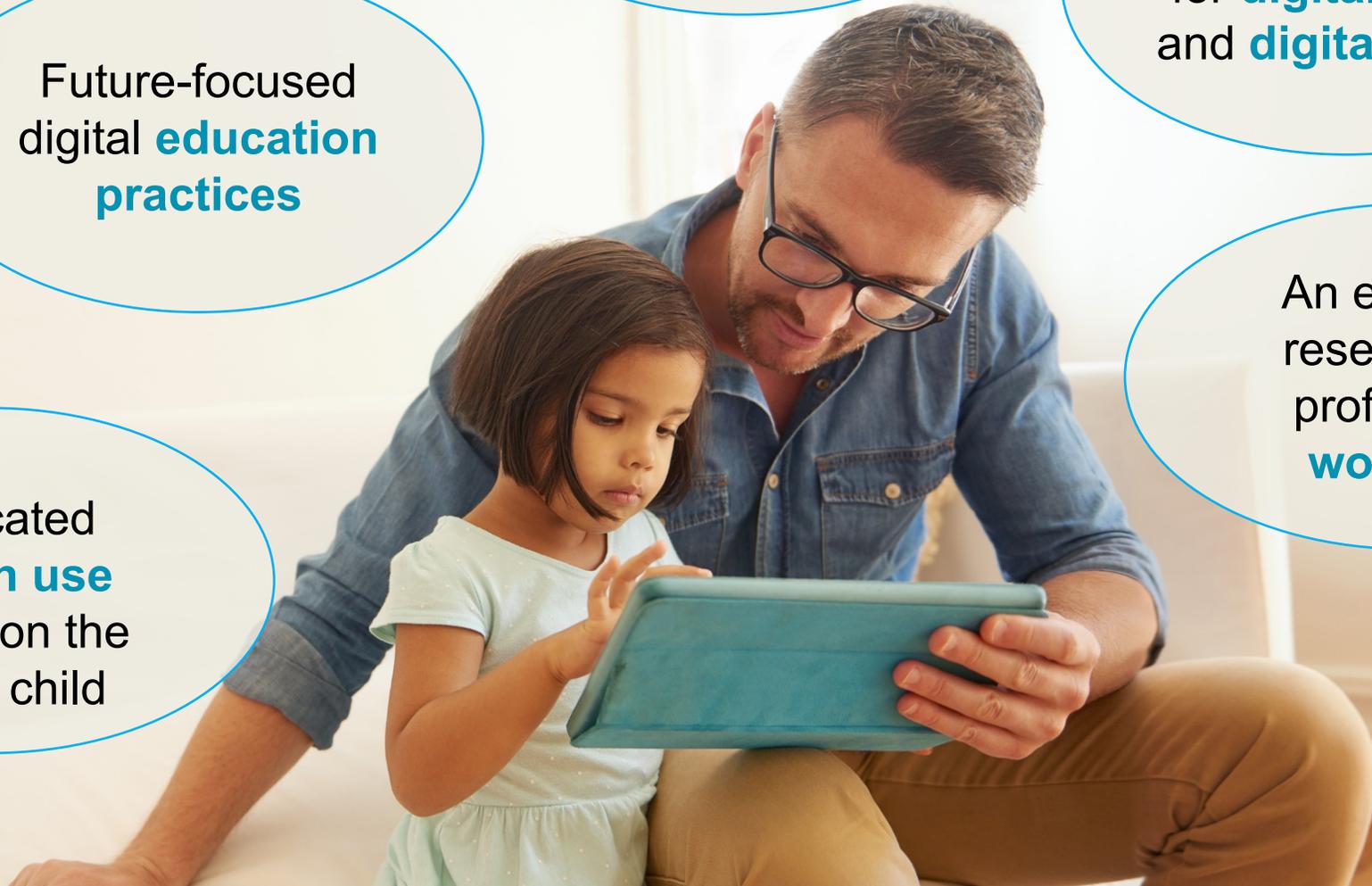
Positive **technology design guidelines** to support innovation in health and education

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

Future-focused digital **education practices**

An enhanced research and professional **workforce**

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



- 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



Educators



What are we starting to see through this pandemic?

Three observations

Observation

- **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.



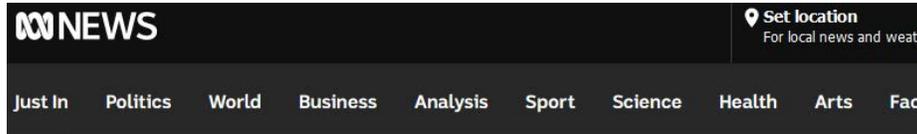
The screenshot shows the ABC News website interface. At the top, the ABC NEWS logo is on the left, and a 'Set location' button is on the right. Below the logo is a navigation menu with categories: Just In, Politics, World, Business, Analysis, Sport, Science, Health, Arts, and Fac. The main article headline reads: 'Scott Morrison urges teachers to open schools amid coronavirus so parents can put 'food on the table''. Below the headline, it says 'Posted 15 Apr 2020, updated 15 Apr 2020'. The article features a video player showing Prime Minister Scott Morrison sitting at a desk in an office, with a play button and 'WATCH 5m' overlay. At the bottom of the video player, the caption reads: 'Prime Minister Scott Morrison urges teachers to keep schools open'.

Observation



- 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.

Observation



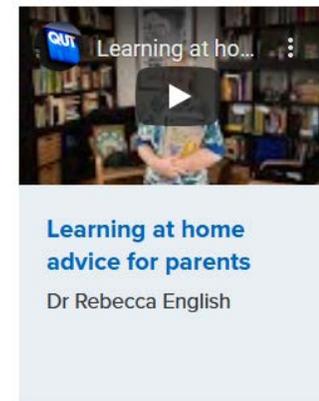
Parents reflect on homeschooling as teachers voice fears about schools during coronavirus pandemic

Exclusive by education and parenting reporter [Conor Duffy](#) and the Specialist Reporting Team's [Lucy Kent](#)
Posted 26 Apr 2020, updated 26 Apr 2020



Melanie Marino can see her son, Will, is not getting the education at home he would in a classroom. (ABC News, Patrick Stone)

- 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 and opportunity 1



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 and opportunity 2

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 image shows a screenshot of the QUT Education website. The top navigation bar includes 'Home', 'Study', 'Research', 'Engage', and 'About', along with a search bar and a 'Contact QUT' link. The main content area features a large banner for 'Connected learning' with the text: 'Free resources from our experts to support and inspire your online teaching and home education'. Below this, there is a section for 'Tips for teachers a...' with a small image of a child writing. A large blue banner in the foreground reads 'QUT Teacher Podclass' and 'A podcast by educators, for educators'.

Example of micro credentials

Teaching Phonics in Early Childhood Module 1 (EDU_CPL_TPCT1_20set1)

- Announcements
- Overview
- Meet your educator
- Getting started
 - Week 1: The great debate
 - Week 2: Oral language
 - Week 3: Phonological and phonemic awareness
 - Week 4: Play-based literacy learning
- Discussion
- Journal
- Glossary
- Certificate
- Next steps
- Community Management
- Control Panel
 - Files
 - Community Tools
 - Evaluation
 - Grade Centre
 - Users and Groups
 - Customisation
 - Packages and Utilities
 - Help

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 reviews. I also explain why oral language is important in learning to read and write.

Transcript (.docx)

Page 1 of 5

Creating Apps in the Classroom Module 1 (EDU_CPL_CAC1_20set1)

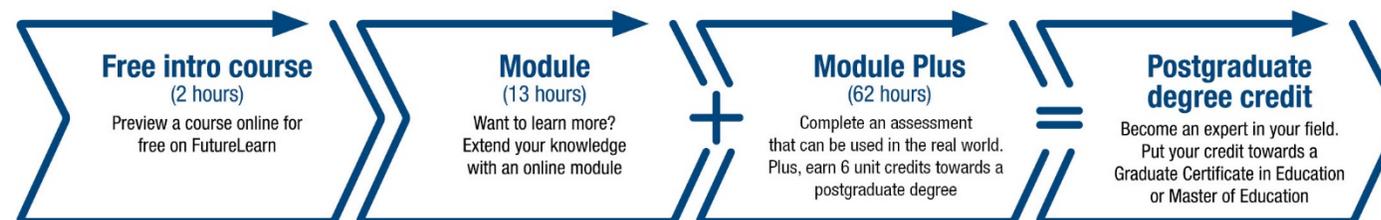
- Announcements
- Overview
- Meet your educator
- Week 1: Our stories
- Week 2: Start coding
- Week 3: Let's build a quiz with notes
- Week 4: Prototype and test
- Discussion
- Certificate
- Next steps
- Community Management
- Control Panel
 - Files
 - Community Tools
 - Evaluation
 - Grade Centre
 - Users and Groups
 - Customisation
 - Packages and Utilities
 - Help

My journey with technology

I am delighted to welcome you all to this course. I have been teaching for more than 35 years now and have a strong background across STEM disciplines. Throughout my teaching career, I have found that the use of digital technologies in my classrooms has created opportunities for reaching my students. As a consequence, it has opened new doors for teaching and learning. However, technology is only a tool. It does not make a difference on its own. The usefulness of any technology is dependent upon how it is used.

In this video, I highlight some of the technologies that have appeared in classrooms and how they have impacted on me as a teacher. (Note: This video also appears in the introductory course.)

QUT



Challenge and opportunity 3

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?

Ways forward?

- 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.



Q&A

NEXT EVENT

Save the date

Thursday

25

June 2020



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/



real world **futures**

#futureworking

#futurethinking

#futureliving