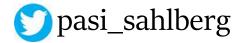
# Improving teaching and learning in uncertain times

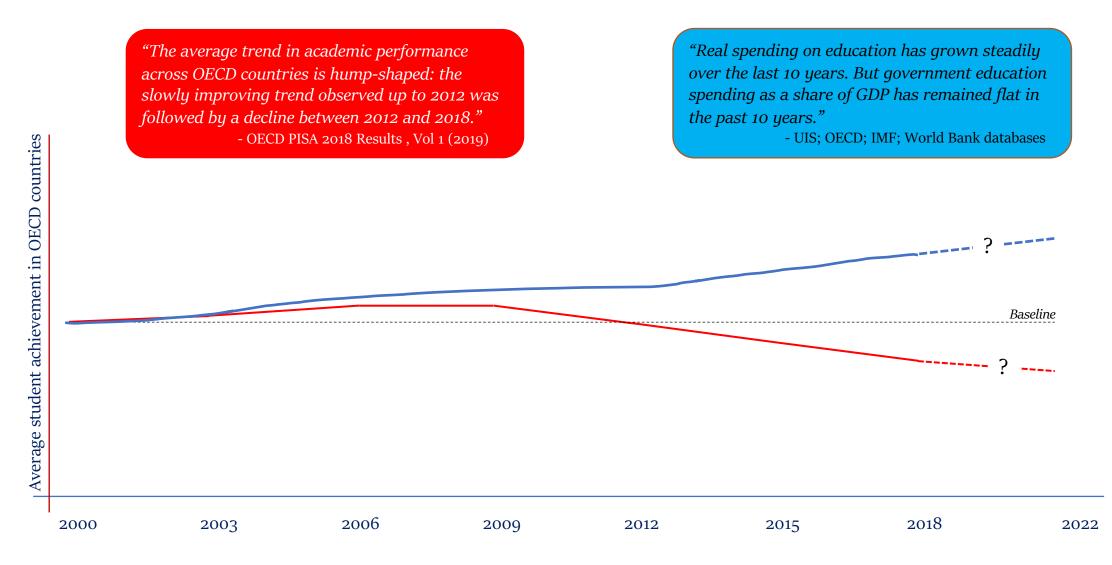
Asia Pacific Summit on GIRLS' EDUCATION 4 June 2023 – Hobart, TAS



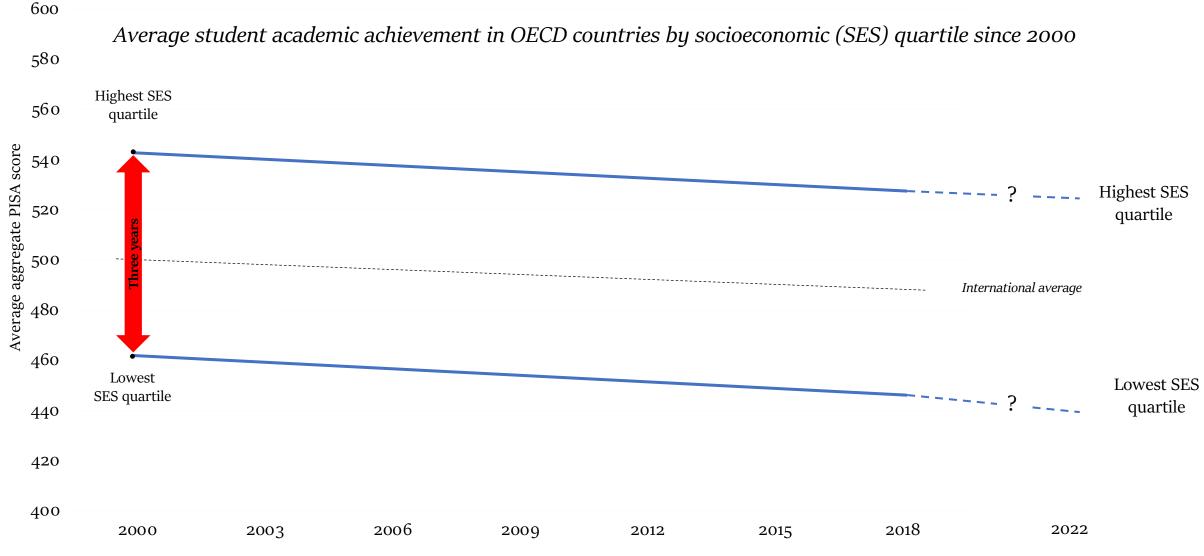
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The state of global education.

#### Learning outcomes vs. education spending

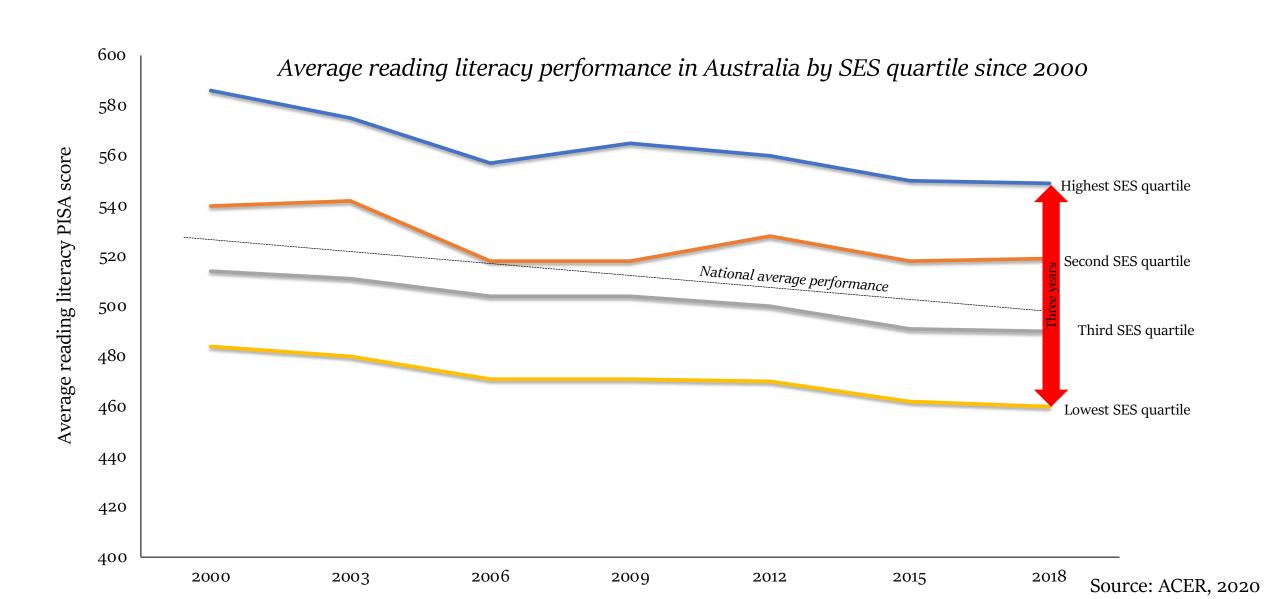


#### Learning gaps - global



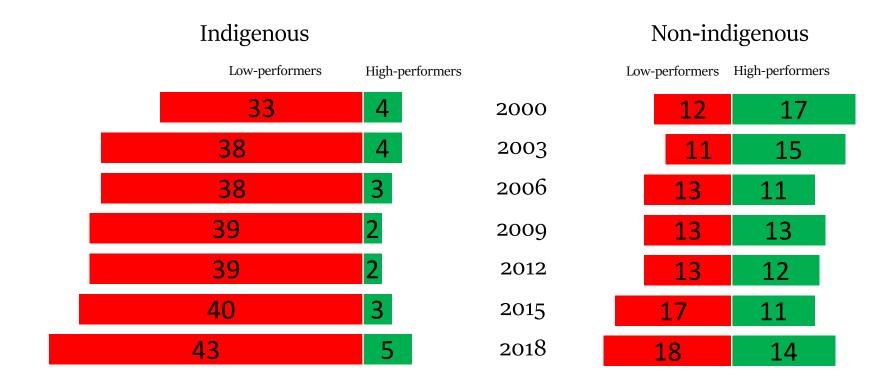
Source: OECD 2021

#### Learning gaps - Australia



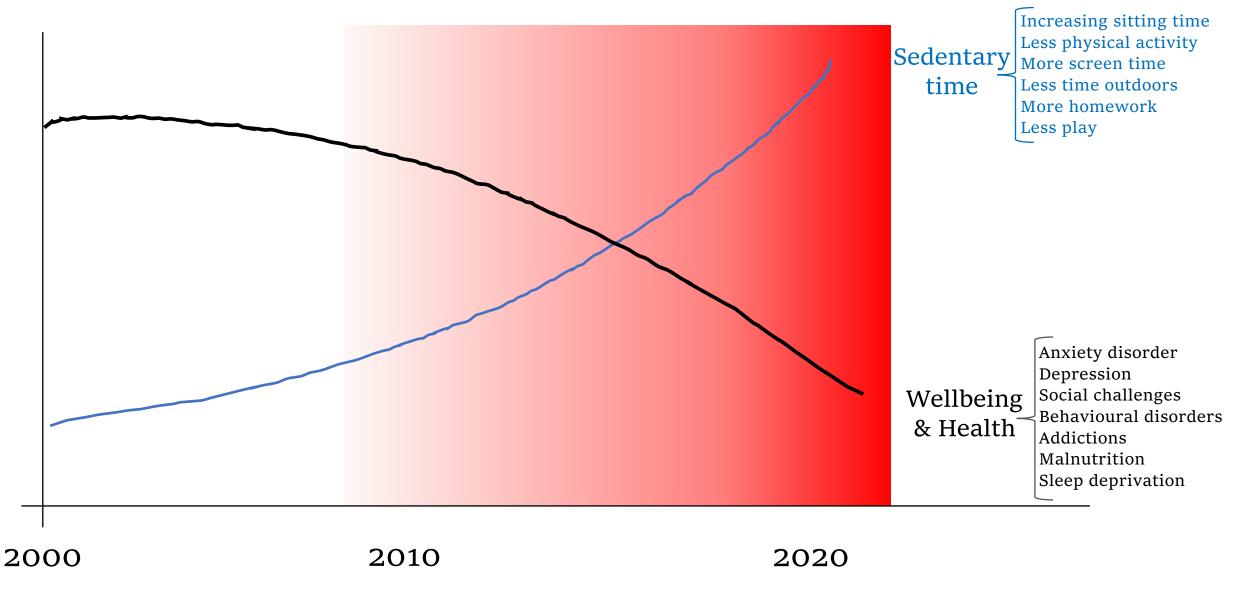
#### Learning gaps - Australia

Proportion of low and high performers in Australia on the PISA reading literacy proficiency scale by Indigenous background since 2000



Source: ACER, 2020

#### Children's changing lifestyles and wellbeing



Source: Mission Australia (2023); Growing Up Digital Australia (2021)



**"260 million children, adolescents and youth are not at school** and only three quarters of 15-year-olds in middle income countries attend school, and just half of them achieve the basic level of proficiency required." – Global Education Monitoring Report 2020



**The performance differences** across the OECD countries between the most socio-economically advantaged and disadvantaged students is equivalent to over 3 years of schooling. –PISA 2018





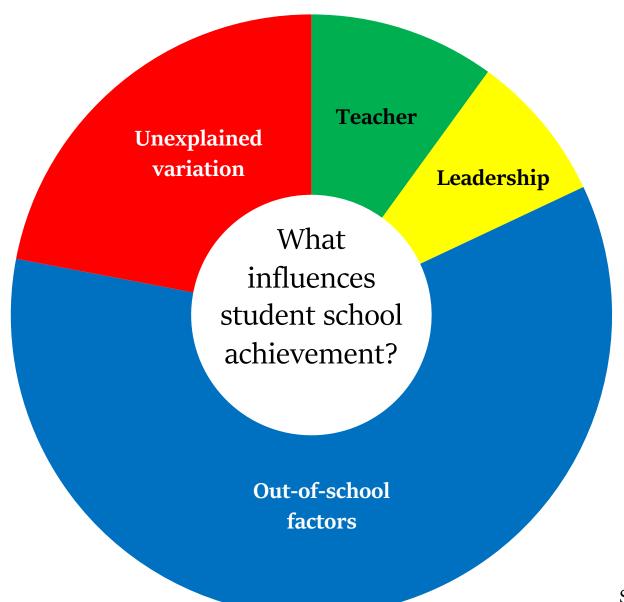
**There is a global learning crisis** that amplifies educational inequalities that severely hobbles the disadvantaged youth who most need the boost that a good education can offer. – World Bank Human Development Report 2018

How to explain this?

2

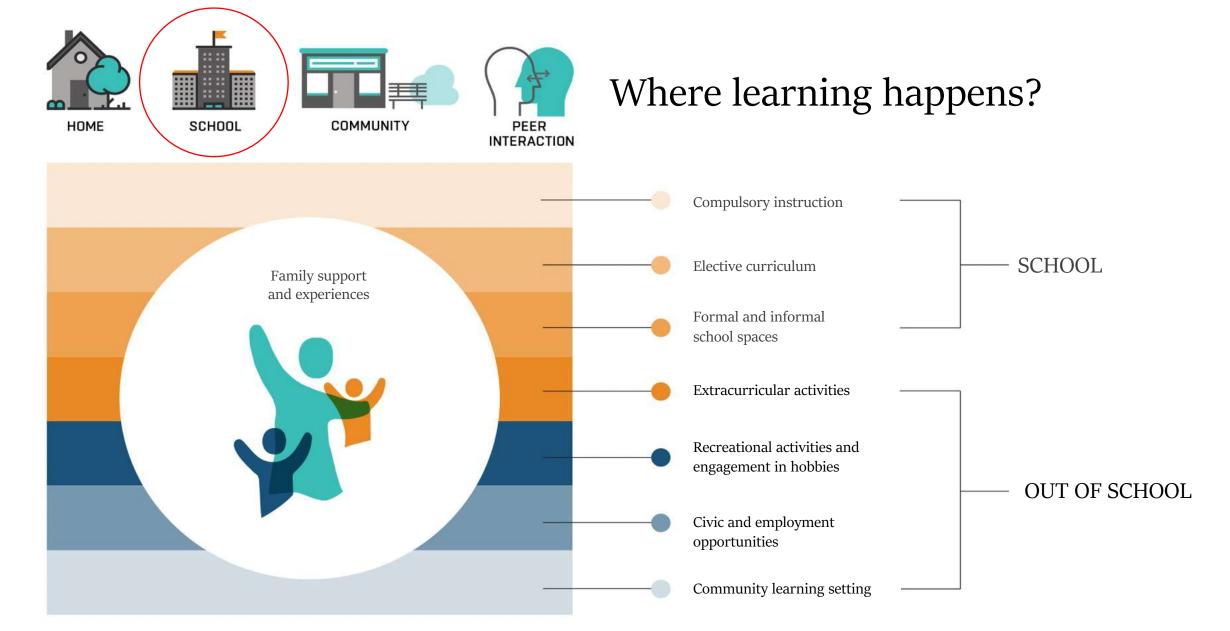
## Uncertain times.

#### Uncertainty #1: Teaching and learning



Source: Haertel (2013); Berliner (2014)

#### Uncertainty #1: Teaching and learning



#### Uncertainty #2: Tech and wellbeing



Australian classrooms are becoming more complex places to teach and learn.

In the last 3-5 years, students with:



**Emotional** challenges have increased 94%



Social challenges have increased

93%



**Behaviour** problems have increased

93%



Cognitive challenges have increased

84%

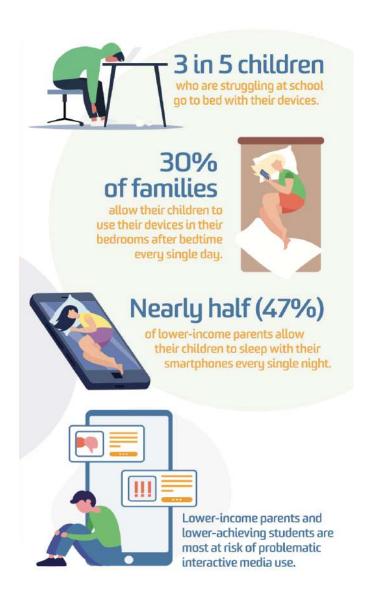




59%

observed a decline in students' overall readiness to learn.

#### Uncertainty #2: Tech and wellbeing



#### The New Digital Divide



"Make no mistake. The real digital divide in this country is not between children who have access to the Internet and those who don't. It's between children whose parents know that they have to restrict screen time and those whose parents have been sold a bill of goods by schools and politicians that more screens are a key to success. It's time to let everyone in on the secret."

- Naomi Schaefer Riley, the American Enterprise Institute (2018)

#### Uncertainty #3: Mixed expectations

Have positive impact in the community and the world

Build positive relationships to peers and adults

Pursuit holistic excellence and wellbeing

What young people expect from education?

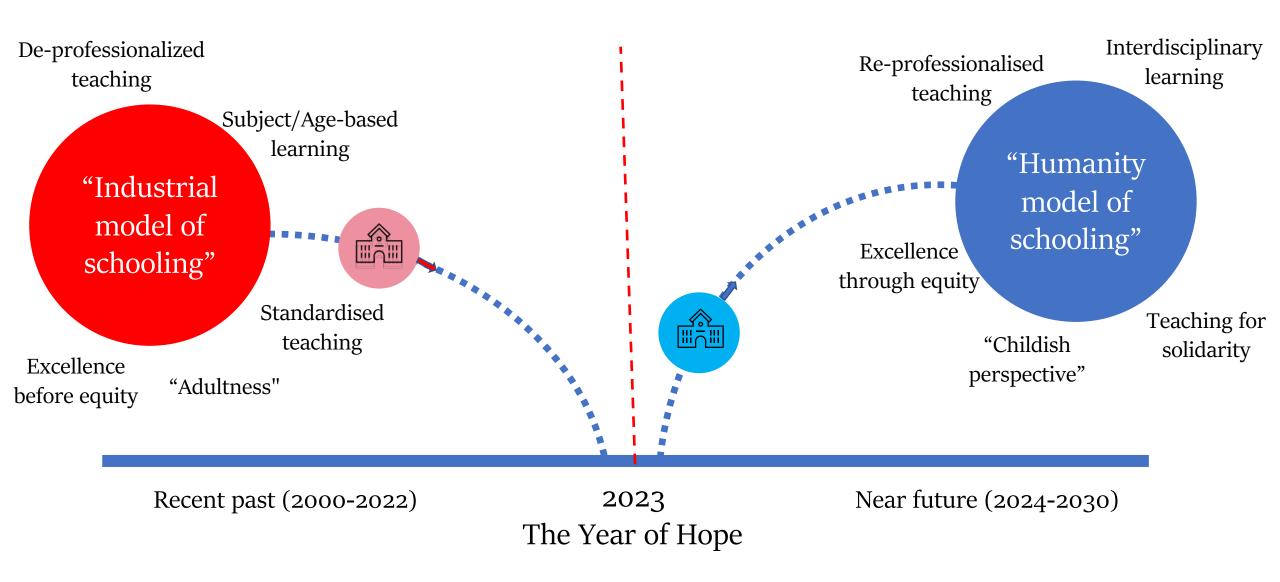
Learn and work with meaning and purpose

Feel that their identities are understood and valued

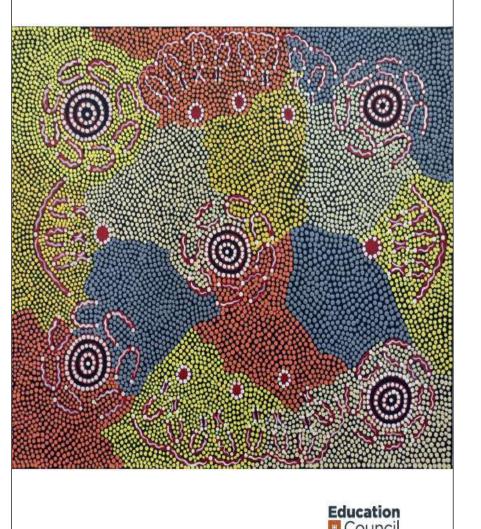
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### Improving teaching and learning.

#### Bouncing back to "the new social contract for education"



Alice Springs (Mparntwe)
Education Declaration
DECEMBER 2019



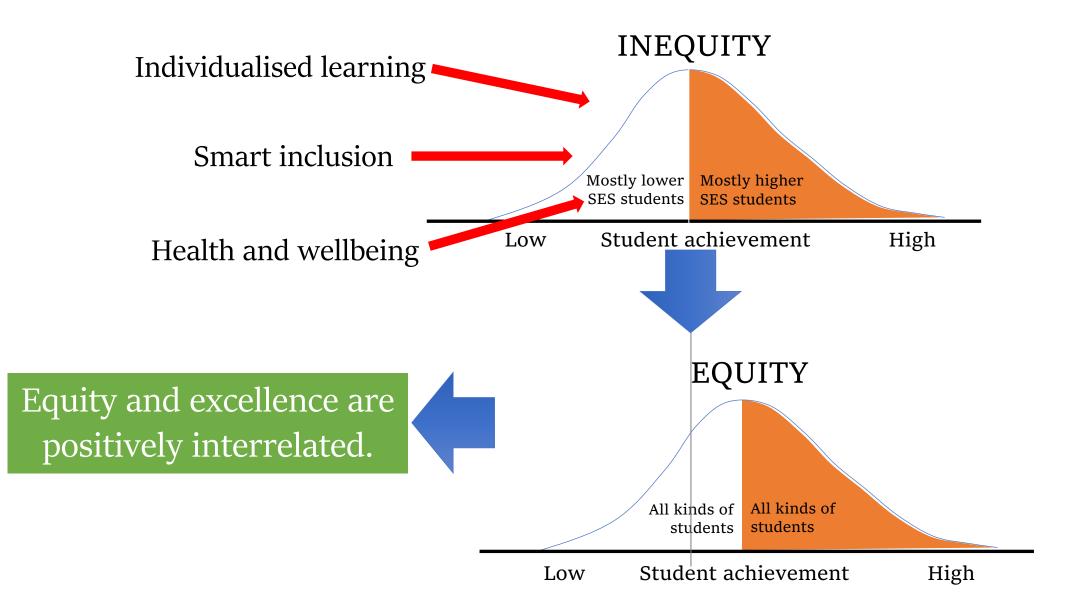
Our vision is for a world class education system that encourages and supports every student to be the very best they can be, no matter where they live or what kind of learning challenges they may face.

Goal 1: The Australian education system promotes excellence and equity

Goal 2: **All young Australians** become:

- confident and creative individuals
- successful lifelong learners
- active and informed members of the community

#### System level: Invest in equity



#### School level: Liberate passion

Co-constructed curriculum for co-operative learning

#### GOOD SCHOOL

discovers and liberates everyone's individual passion

Whole-school, whole-child

approach to teaching &

learning

Reciprocal interaction with the community

Equitable learning and wellbeing outcomes

AUTHOR OF THE ELEMENT

INTERNATIONAL BESTSELLING







Education based on clear values and best evidence

Students who have found their passion can change the world.

### Thank you!

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