

# TEACHING MATTERS

SCIENCE OF LEARNING  
NATIONAL SUMMIT

## Embracing the Science of Learning – the Power of Collaboration



Catholic  
Education  
Tasmania



CATHOLIC EDUCATION  
Archdiocese of Canberra & Goulburn



**Jennifer White**



**Patrick Ellis**



# Two Systems



Catholic  
Education  
Tasmania



CATHOLIC EDUCATION  
Archdiocese of Canberra & Goulburn



38 schools



16,500 students



2,000 educators

## **BOLD GOAL**

To be the most improved  
education system in Australia



56 schools



21,000 students



2,400 educators

## **BOLD GOALS**

1. Every student is a competent reader
2. High Impact Teaching Practice is visible in every classroom

# → One Approach



Knowledge Rich Curriculum

*What we teach*



High Impact Teaching Practice

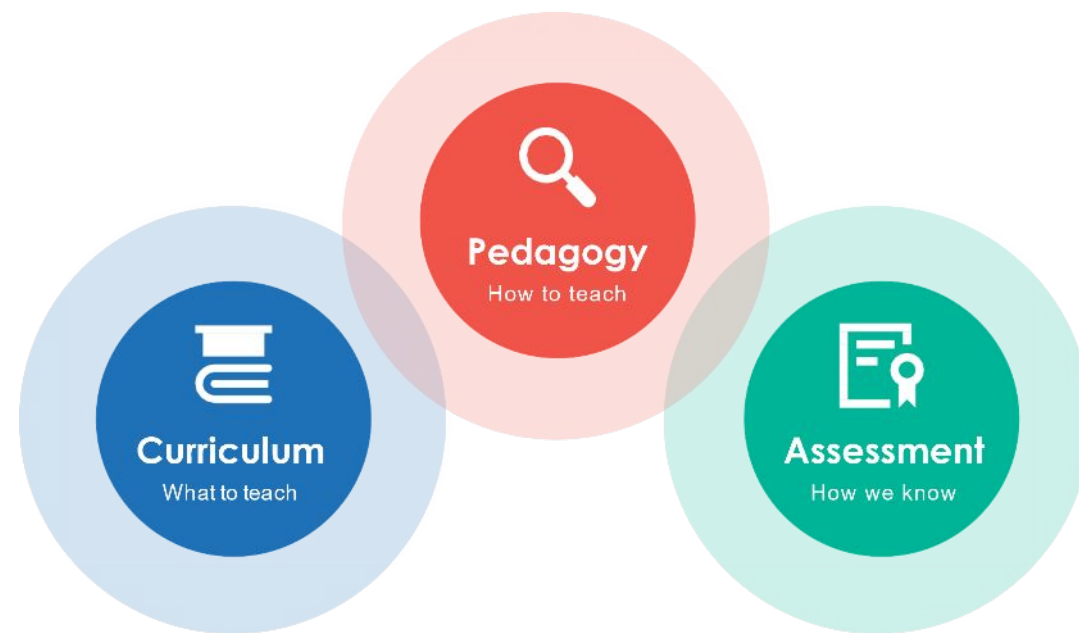
*How we teach*



Student Achievement

*Enabling all our students to learn and remember*

## Catalyst



Informed by  
**Science of Learning | Science of Reading**



A teacher in a pink sweater is writing on a whiteboard in a classroom. The classroom has Japanese-themed decorations, including a banner with Japanese characters and a large character '杯' (cup) on a screen. Students in blue and yellow uniforms are seated in the foreground, looking towards the teacher. The text 'The teacher is the most important learner' is overlaid in white.

The teacher is the most important learner



# Considerations for Change



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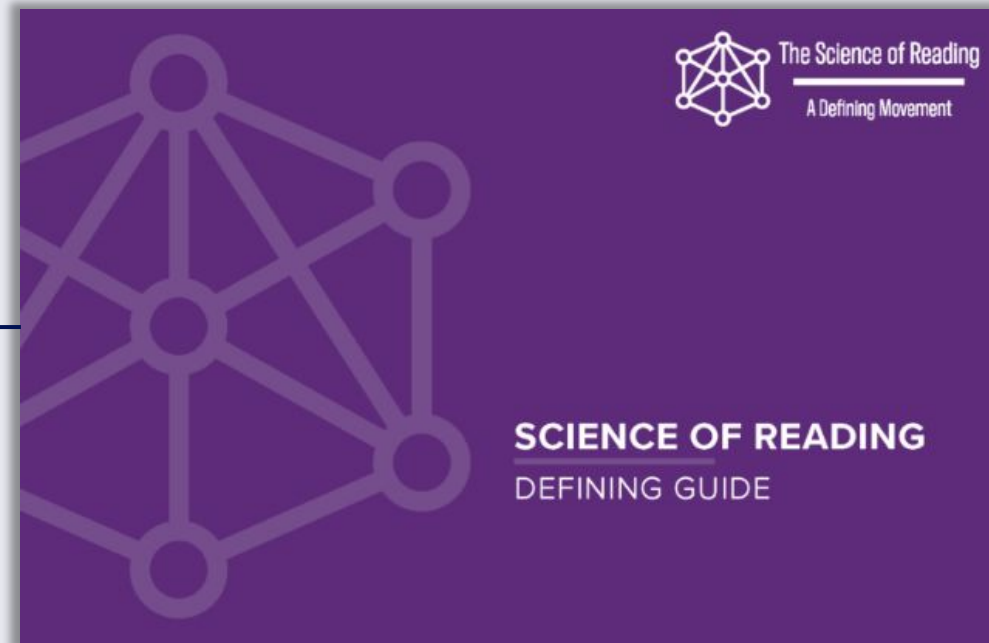
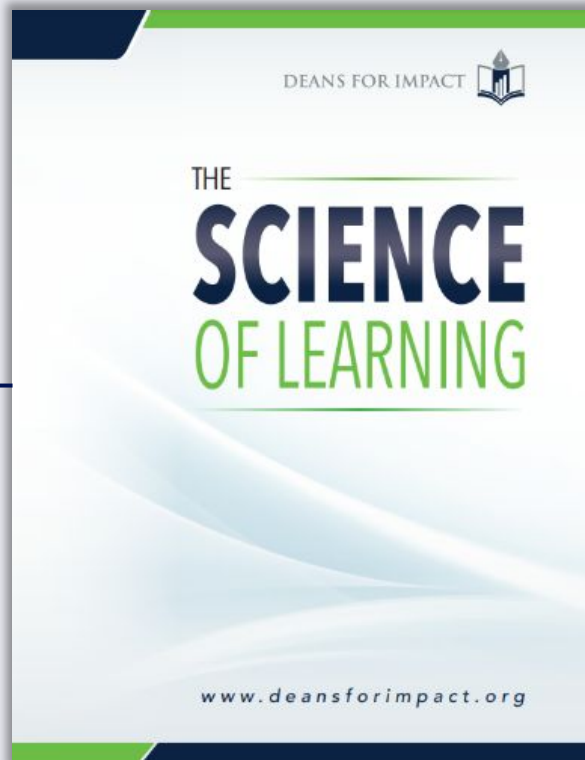


# Clear vision and purpose





# Evidence-based teaching approach







# Connect with experts



E.D. Hirsch Jr



Tom Sherrington



Dr Lorraine Hammond



Prof Pamela Snow



Ollie Lovell



Dr Jennifer Buckingham



Dr Jenny Donovan



Natalie Wexler



Dr Tim McDonald



Dr Ben Jensen



Ingrid Sealey



Toni Hatten-Roberts



Michael Roberts



Reid Smith



Dr Nathaniel Swain



Elena Douglas



Simmone Pogorzelski



Prof Tanya Serry



Brooke Wardana



Jordan O'Sullivan



# Lead and align





# Enablers to drive change





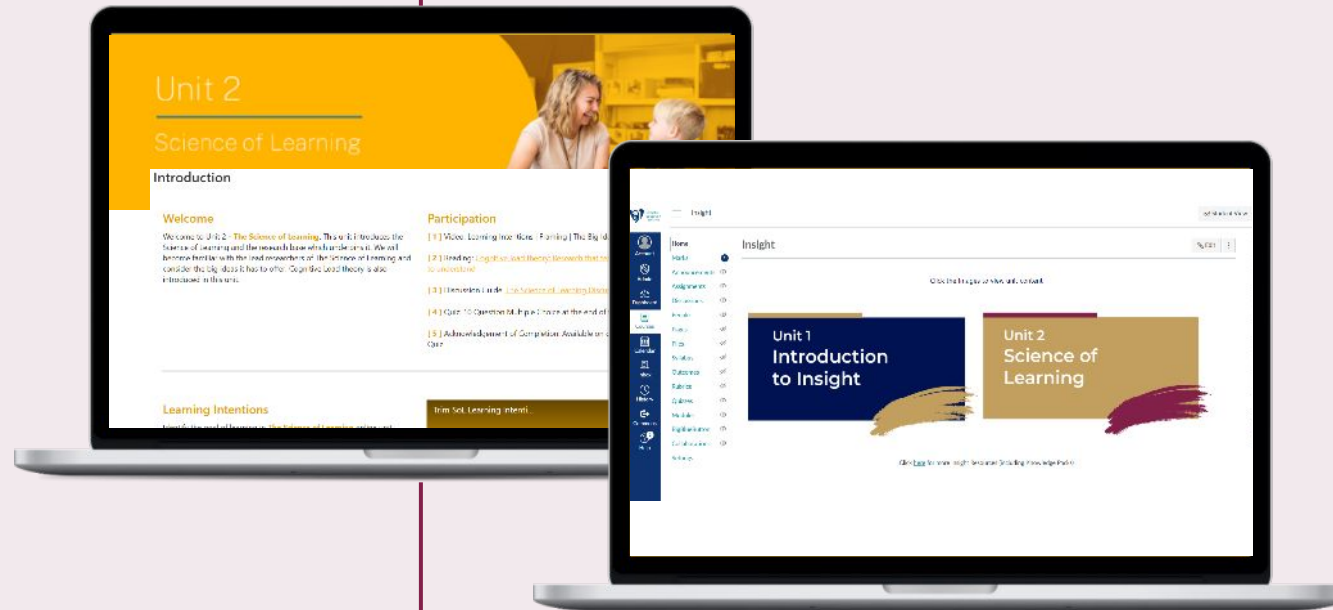


# Empower Principals





# Build collective knowledge







# Early adopters are critical





# Impactful Professional Learning



# Embed effective monitoring processes



## HITP in Action – Secondary & Central Series 2022 Impact Snapshot



### Impact Measurement: Student Outcomes



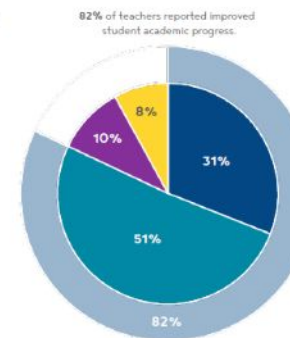
Understanding the impact of teaching techniques on student learning is essential.

As part of the HITP in Action, each participant creates a baseline of student academic data at the start of the course, and monitors outcomes near the end of the course. Teachers determine an approach to collecting and analysing student progress and achievement that reflects their classroom and school context.

The following pages summarise changes in student achievement and progress for selected teachers from 2022 where comparison benchmarks were available.

### Impact Tracking Summary

- Teacher reported improved student progress, with academic data measured against a comparison.
- Teacher reported students made more academic progress than the teacher had previously expected without comparison data available.
- Teacher reported students made expected progress.
- Academic data was unavailable. Inconclusive or did not show consistent progress across the class.\*



\* While undertaking HITP in Action Series, teachers often face challenges that impact their ability to collect valid student outcomes data that reflects accurately on their teaching. Examples include: the teacher changes classes; the teacher has extended periods of leave; a pre-timetable student teaches the class for an extended period; and high levels of student transience or absenteeism.



*The HITP in Action Professional Learning has reinforced my explicit teaching strategies and strengthened my practices. Daily Review has been valuable. I used to review with five quick questions, but the daily review practice has refined my processes.*

Secondary Teacher, 2022 HITP in Action Participant







# Collaborate, share and network





# Celebrate success





# Want more information on Catalyst?



[catalyst.cg.catholic.edu.au](https://catalyst.cg.catholic.edu.au)

Or scan the QR code



# Want more information on INSIGHT ?

[insight.catholic.tas.edu.au](https://insight.catholic.tas.edu.au)

Or scan the QR code



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# Thank you



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