

Catholic Education Tasmania

Student Focused Christ Centred Learning for Life

# The following resource has been created for attendees of the Teaching Matters Summit.

Please do not distribute this resource without prior permission from Catholic Education Tasmania



# We know what works. So why aren't we doing it?

Teaching Matters Science of Learning National Summit

**Dr Jenny Donovan** 

edresearch.edu.au

## Not me teaching in the 80s









#### Prevalence of effective teaching

Implementation challenges

For the teacher

For the school

For the system

AERO can help



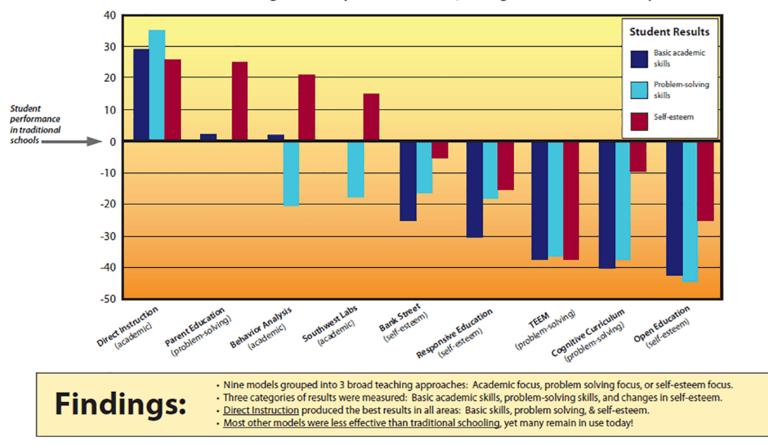
# But first, a mystery...



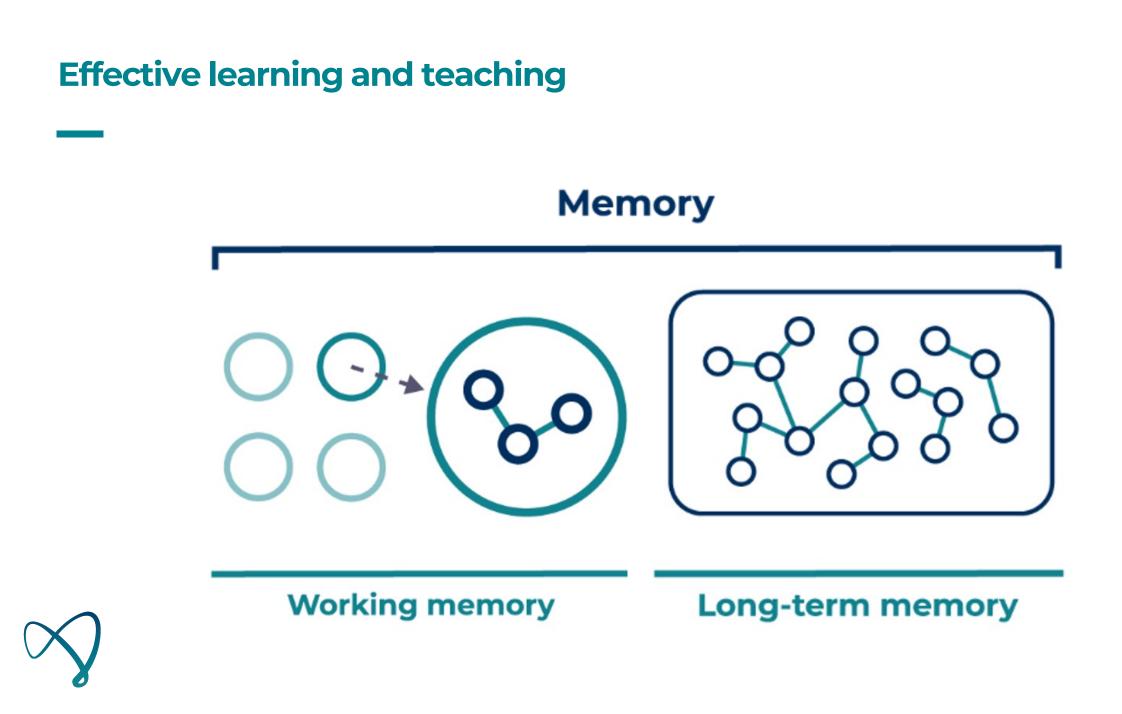


## Project Follow Through, 1967 - 1977

Nine models of teaching K-3 compared in history's largest educational experiment

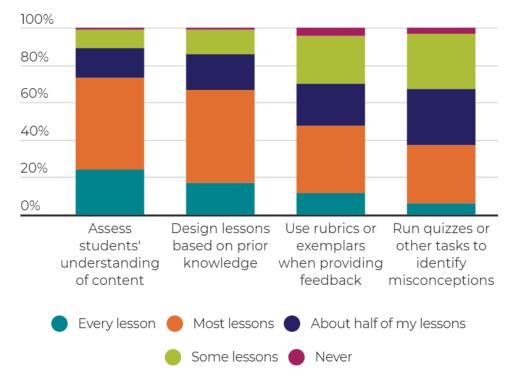




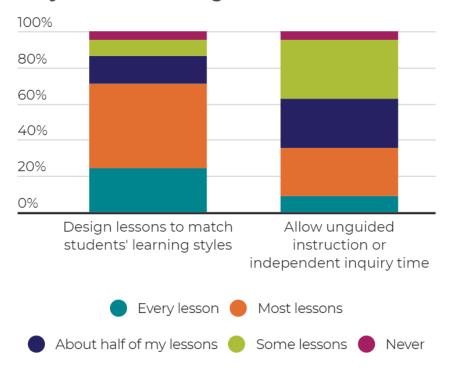


#### **Prevalence of effective teaching practice**

### Graph 2: Teachers self-report on how often they use formative assessment strategies

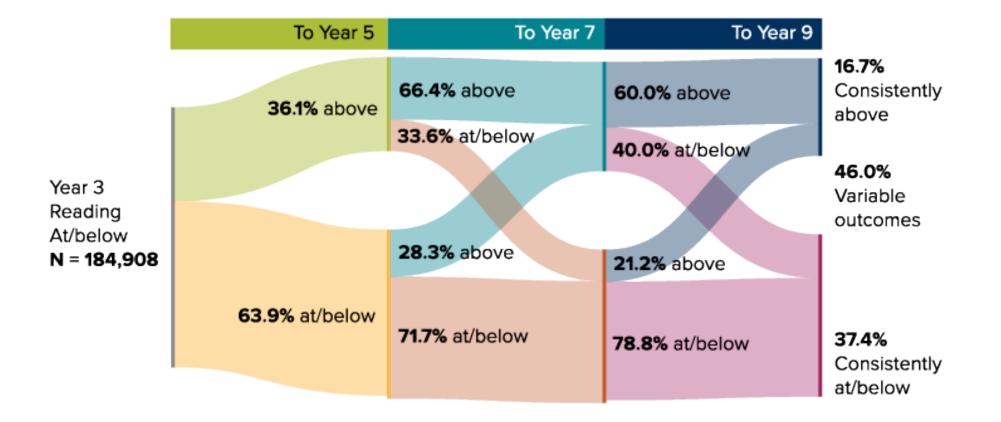


## Graph 4: Teachers self-report on how often they use other strategies



edresearch.edu.au/articles/evidence-based-teaching-strategieshow-often-are-australian-teachers-using-them

### **Cumulative impact of ineffective teaching**





### What **isn't** 'explicit instruction'



"But that would never work here" – does context matter more than evidence?

Nobody knows more about students' learning needs than their teachers. So how should teachers respond to research evidence about effective practice that is broad and does not appear to take account of contextual factors?

27 September 2022

- It is not 'chalk and talk'
- It is not 'drill and kill'
- It is not asking teachers to use scripts
- It is not teachers as facilitators or 'the guide on the side'
- It is not stopping students from engaging in creative or imaginative tasks, but rather giving them the knowledge required to do so.

#### The implementation challenge: for the school







# A model of learning and teaching



#### Teaching for how students learn: A model of learning and teaching



**Teaching that aligns** 

with how students learn

Teams provide the program of the excellence of the real effective program is experising electronic realments of Team is every authority which the program that every harrow program. These encounter densities are investing spectrum are densitied which are about \$250 million and a construction densities the real effective densities that into grant and appendix is used another that in \$250 million and a construction densities the real effective densities that into grant and appendix is used assess to inter-

 $(\mathcal{O})$ 



Alternation and Focus Reducts to a closely improved when were Services (Intering and Intering Residence for Intering and Angulation Service and Interinging

Encodedige and receivery intenting is a charger to long here relevant - Non-intention - The descention - Beneficially bein - Beneficially and the second - Completion

Related an and recall Related process listed seconds of real

Engelien bed
Bout-ont operate
delitered betree been

Mastery and application

Interface of Terministancing - Argentiation of a consenting - Marson market - Marson market - Marson market - Marson market - Secondari Harmita, Annue de Loudinne of 4 Louene despose services 2 Annue de Carlos 3 Annue de Carlos 3 Annue de Carlos 3 Annue de Carlos 4 Annue de Carlos 4

menting

#### brefraction:

House for regulities tool of learning main

Reach asphates
Statistic positive
Maning programs

· Bannet barred transmission

Graduat to barren

Manima Angelia, constantion and application of baseling - Receiver and movies - Second and movies

· Organization in constraining

The same is a strong with the same is the same interval of the same interval point of the same  $P_{\rm eff}$  and  $P_{\rm eff}$  an

And and the other design of the second distance of the local distance of the second distance of the local dist



edresearch.edu.au

n step by step

alving.

#### For more information and to give feedback

@EdResearchAU



facebook.com/EdResearchAU



linkedin.com/company/edresearchau



For more evidence-based research and practical resources: edresearch.edu.au



Sign up to our newsletter and never miss out on our latest work

eepurl.com/hj4N2r