Teacher or technician?

Choosing a collaborative path to stronger practice in the age of GenAI

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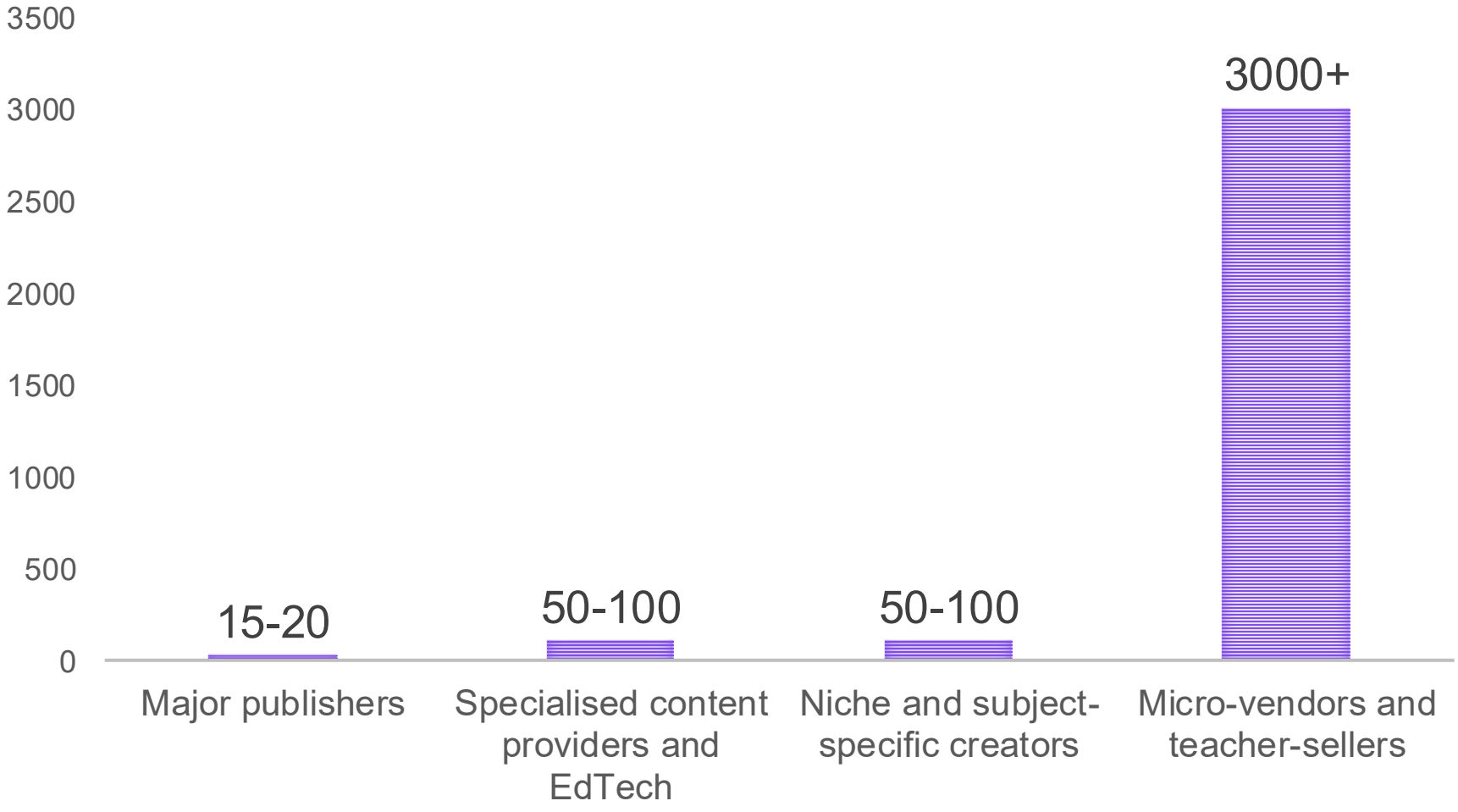
QTAcademy

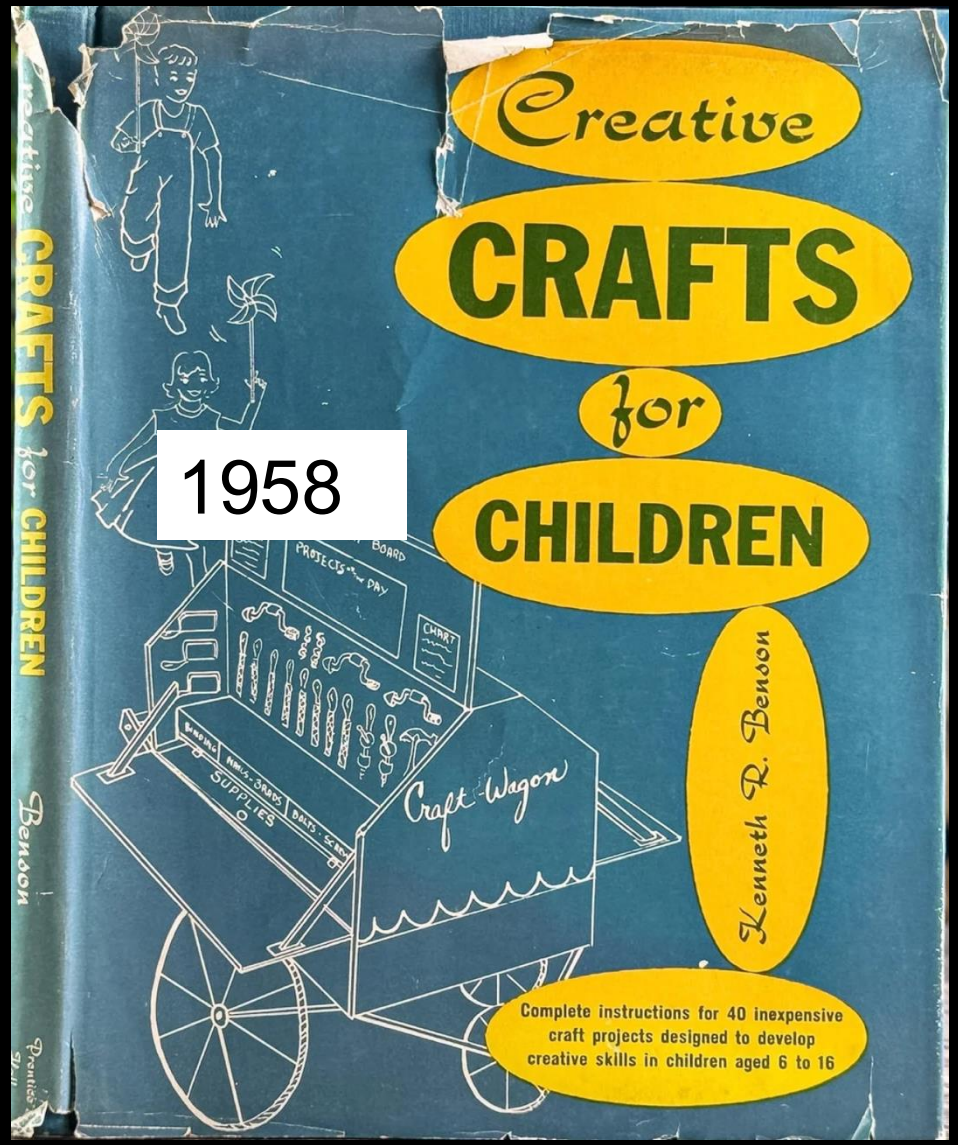
THE UNIVERSITY OF NEWCASTLE AUSTRALIA

Burning questions…

1. How engaging are scripted lessons for students (and teachers)?
2. Given the prevalence of lesson delivery via pre-fab PowerPoint slides, what space remains for teachers' passion, interests and expertise?
3. What are the implications of the profession shifting towards technical delivery rather than nuanced teaching?
4. When is AI too much of a good thing in lesson prep?
5. To what extent do ready-made lessons really save teachers time?
6. How is reduction of teacher agency in learning design impacting the profession? Collegiality? Teacher morale? Collaboration? Job satisfaction? The joy of teaching?

NO. OF TEACHING RESOURCE PROVIDERS



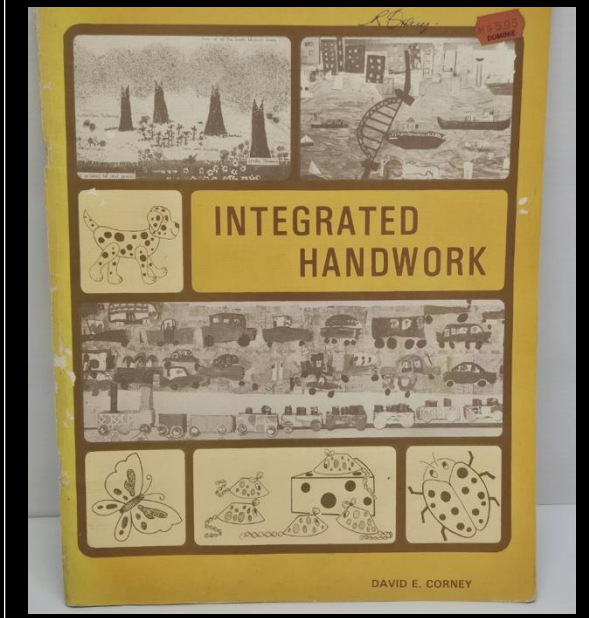

Creative
CRAFTS
for
CHILDREN
Kenneth R. Benson
Craft Wagon
Complete instructions for 40 inexpensive craft projects designed to develop creative skills in children aged 6 to 16
Creative CRAFTS for CHILDREN
Benson

1958

PROGRAMMED HANDWORK
SUE CORNEY
HANDWORK GALORE
DESIGNS
THEMES
PATTERNS
DAVID E. CORNEY
CLASSROOM INSPIRATION
NINA GONTAR
DAVID E. CORNEY

1980's

CREATIVE 3R's
NINA GONTAR
IDEAS FOR TEACHING YOUNG CHILDREN
CREATIVE RESOURCES
PICTORIAL INSPIRATION FOR MODERN EDUCATION
DAVID E. CORNEY
KENNETH A. MARTINO


INTEGRATED HANDWORK
DAVID E. CORNEY

Dashboard
Lesson Planning
Printables
Assessment Builder
Workspace
History

All Categories

Lesson & Unit Plans

Full lesson/unit templates and pedagogical frameworks.

FEATURED

Montessori Lesson Plan

Create three Montessori-aligned lesson plans with hands-on tasks, simple materials, and teacher prep...

5 E's Lesson Plan

Create a structured 5E lesson plan with engaging, exploratory, explanatory, and evaluative learning...

Backward Design (UbD) Organizer

Create a UbD unit plan with clear goals, authentic assessments, and inquiry-driven learning experiences.

Gagné's Nine Events of Instruction

Create a lesson plan using Gagné's Nine Events of Instruction with activities for each phase.

Hunter's Model - Mastery Learning

Create structured lesson plans with 8 elements, including modeling, guided practice, checks, and...

Lesson Seed

Brainstorm lesson ideas with objectives, direct instruction, practice, team activities, and formative...

Project Based Learning (PBL) Planner

Create a structured PBL plan with inquiry-driven learning, real-world connections, and student-driven...

SPARK Lesson

Create a SPARK lesson plan that applies real-world problem-solving, creativity, and human-centered...

Student-Centered Approach

Create a student-centered learning framework with active participation, autonomy, and structured...

Unit Plan

Design a structured, research-based unit plan with explicit instruction, assessments, and spaced practic...

Universal Design for Learning (UDL) Planner

Create a UDL-aligned lesson plan with multiple means of engagement, representation, and expression for al...

Upgrade to Pro
Go Unlimited

QT: Classroom Practice Guide

QTAcademy

QT: Assessment Practice Guide

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Research underpinning the Quality Teaching Model

1990s

Authentic Pedagogy

1998-2000

Productive Pedagogy

2003-

Quality Teaching Model

Associate Professor
James Ladwig

Laureate Professor
Jenny Gore

QT Model

- A lens through which to comprehensively notice and assess what is happening in any lesson – both for the teacher and for the students
- A tool for the systematic, specific analysis and judging of lesson quality
- A framework from which to commence analytical conversations
- NOT a set of teaching strategies or a checklist
- A focus on the **teaching** rather than the **teacher**

QT Model

Intellectual Quality

Developing deep understanding of important knowledge

Quality Learning Environment

Ensuring positive classrooms that boost student learning

Significance

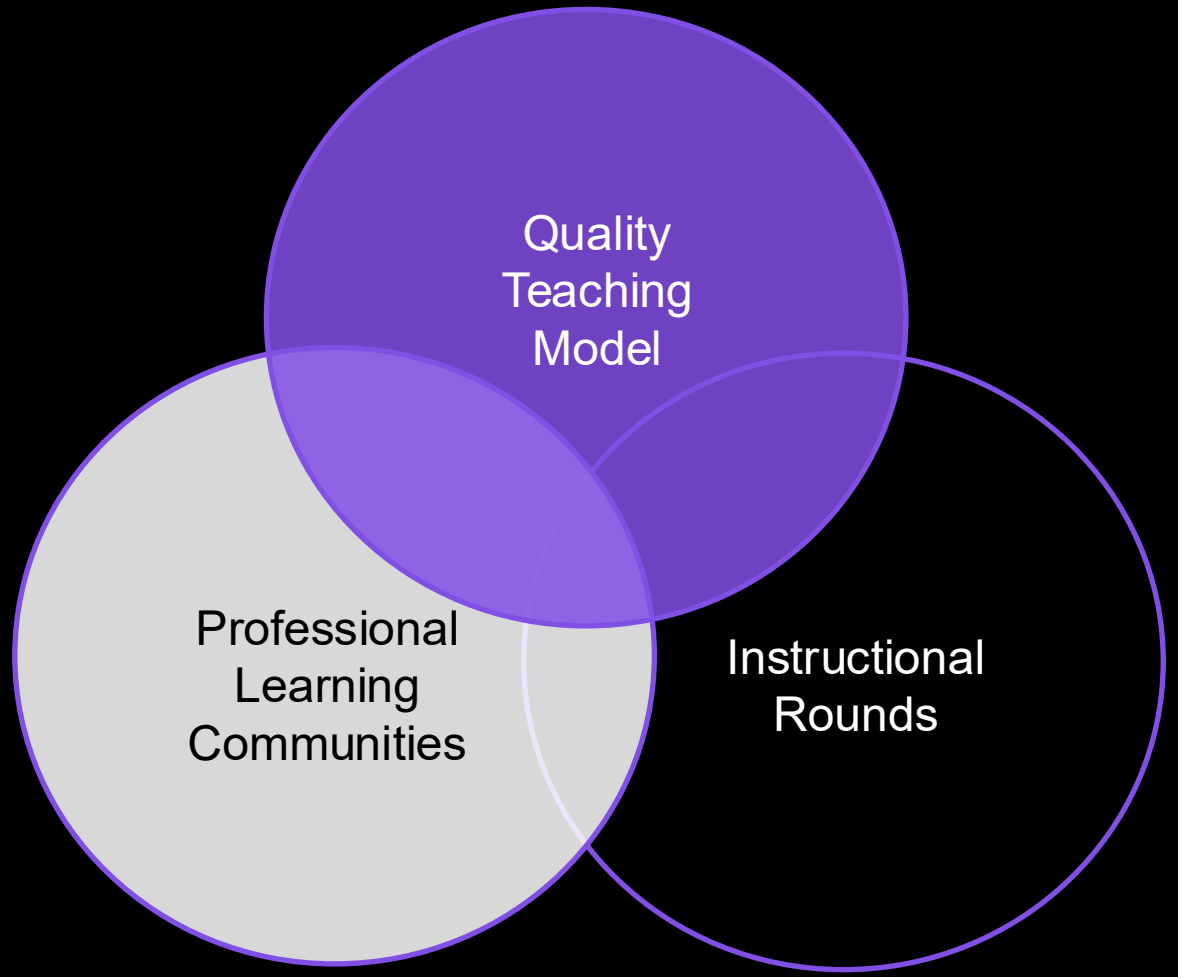
Connecting learning to students' lives and the wider world

QT Model

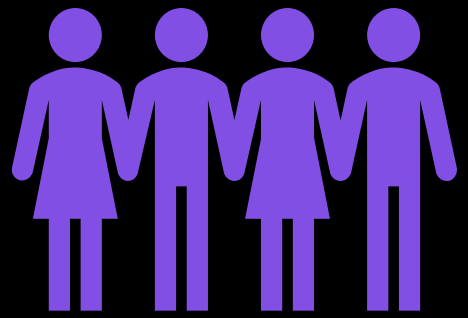
Intellectual Quality	Quality Learning Environment	Significance
Deep Knowledge	Explicit Quality Criteria	Background Knowledge
Deep Understanding	Engagement*	Cultural Knowledge
Problematic Knowledge	High Expectations	Knowledge Integration
Higher-Order Thinking	Social Support*	Inclusivity*
Metalanguage	Students' Self-Regulation*	Connectedness
Substantive Communication	Student Direction	Narrative

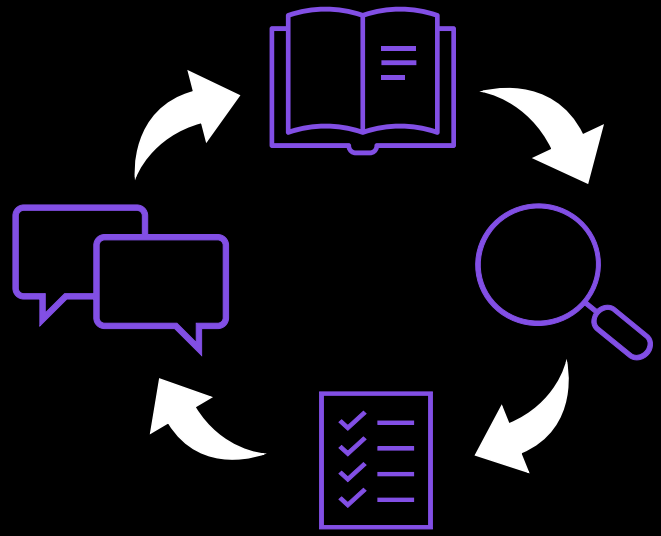
Note: *Marked elements do not pertain to the coding of assessment practice

Share one things that resonates with your teaching practice in relation to your practice and why


Quality
Teaching
Model
Professional
Learning
Communities
Instructional
Rounds

Quality Teaching Rounds Process





1. Participate in a professional reading discussion

45-60 mins

2. Observe an entire lesson

Lesson observation sheet

Date:	Year:	Class:
Start time:	Finish time:	Number of students:
KLA:		Lesson focus:

Time	Observation notes	Possible tally space
1mins intro	N- "I'd be gone" - Alyssa (mg). Personal reflections, 'I was inspired' "Think about it from your perspective" -extending on challenge of space challenge L.I. physiological, personal, social needs - Explained key terms → gas in output + gas eg	B 𝍸 II G 𝍸 𝍸 II
6mins	27km /min - key facts, figures about planets - tables → write in books what will we need for trip Show how to get to Mars to dev. self. these	
10:45	St. taking notes, chatter, some w/ing in iso. - recorded responses on board deck cards size is mars Maslow - explained belonging esteem, fulfilment checklist → challenges → solutions → issues Questions - roles, water simple, socialising Summ. own obs. Same students answering Needs vs Wants - paraphrasing s response Homework to finish - extend quest. Find solutions 11:24	

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3. Code the lesson individually

30 minutes

4. Discuss the lesson using the Classroom Practice Guide

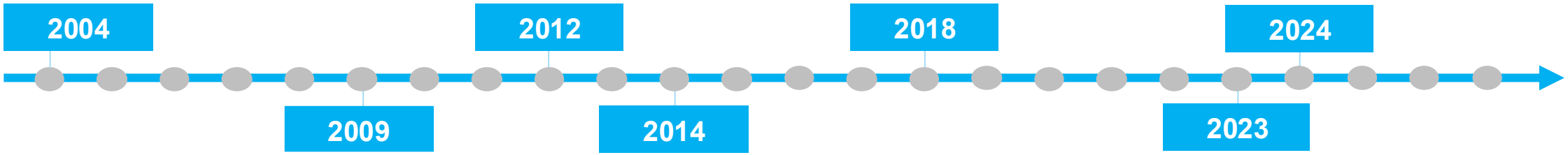
1.5 - 2 hours

- Say “I coded DK… because…”
- Refer to “the teacher” (not "she/he/you")
- Maintain the turn taking protocol
- Come to consensus

- Affirms current practice
- De-personalises discussion
- Ensures confidentiality
- Flattens power relations
- Fosters trust
- Builds relationships
- Reinvigorates and empowers

Two decades of research

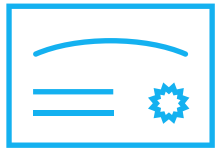
Systemic Implications of Pedagogy and Achievement in NSW Public Schools (SIPA) 2004–2007



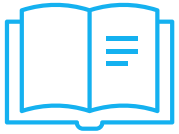
Quality Teaching Rounds:
One initiative, broad impact

- Improves quality of teaching
- Positive effect on teacher morale
- Growth in student learning outcomes
- Improves school culture
- Builds confidence and collegiality
- Relevant to every grade and subject
- Honours the complexity of teaching
- Both affirms and challenges
- Sustainable
- Cost effective

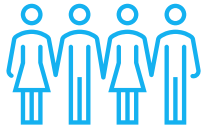
Key research findings



Student achievement



Literacy and numeracy



Equity

Building capacity for quality teaching in Australian schools (2018-2023)

Key research findings

Student achievement

Quality of teaching

Literacy and numeracy

Teacher morale

Equity

Teacher efficacy

Building capacity for quality teaching in Australian schools (2018-2023)

Key research findings

Student achievement

Quality of teaching

Collaboration

Literacy and numeracy

Teacher morale

School culture

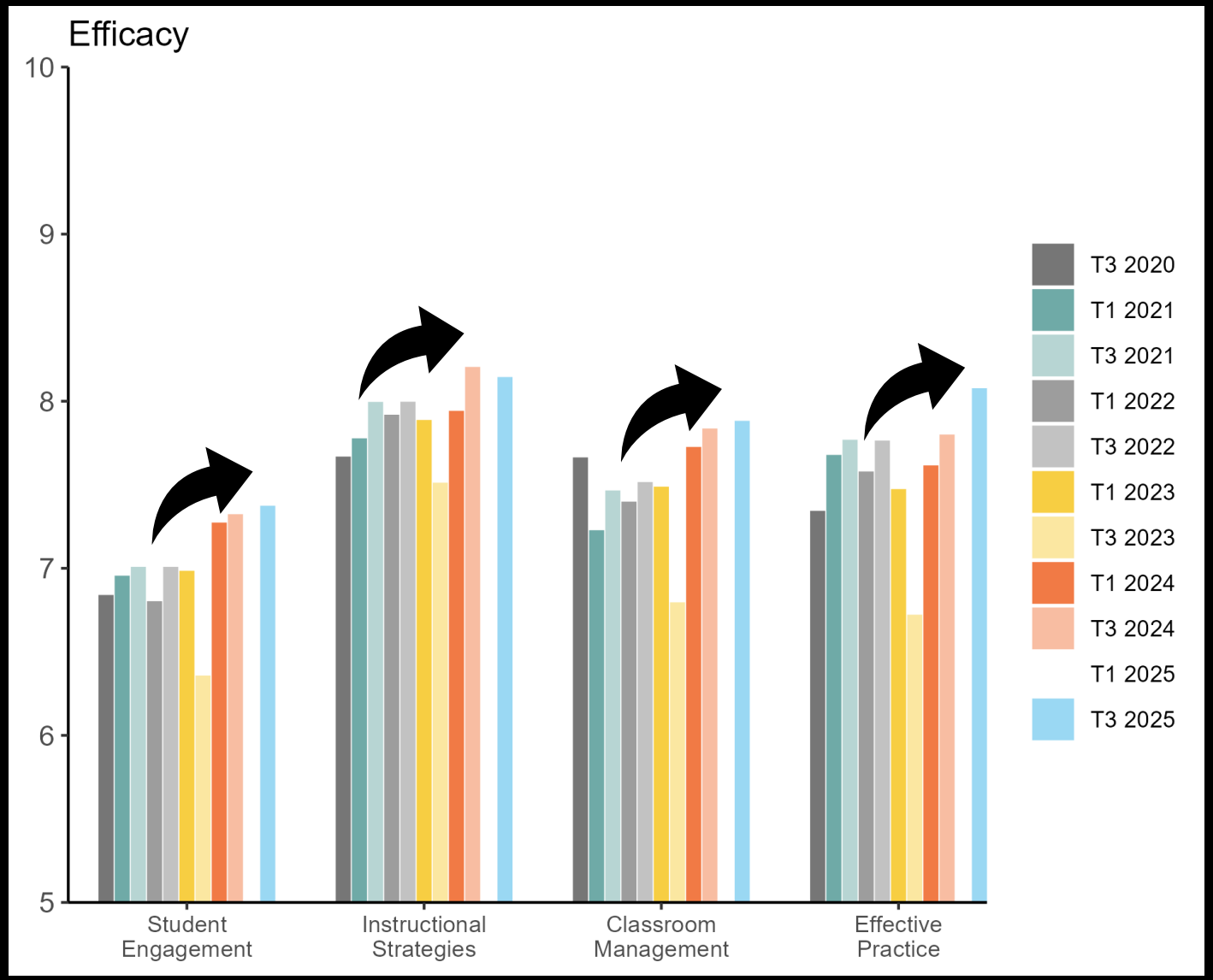
Equity

Teacher efficacy

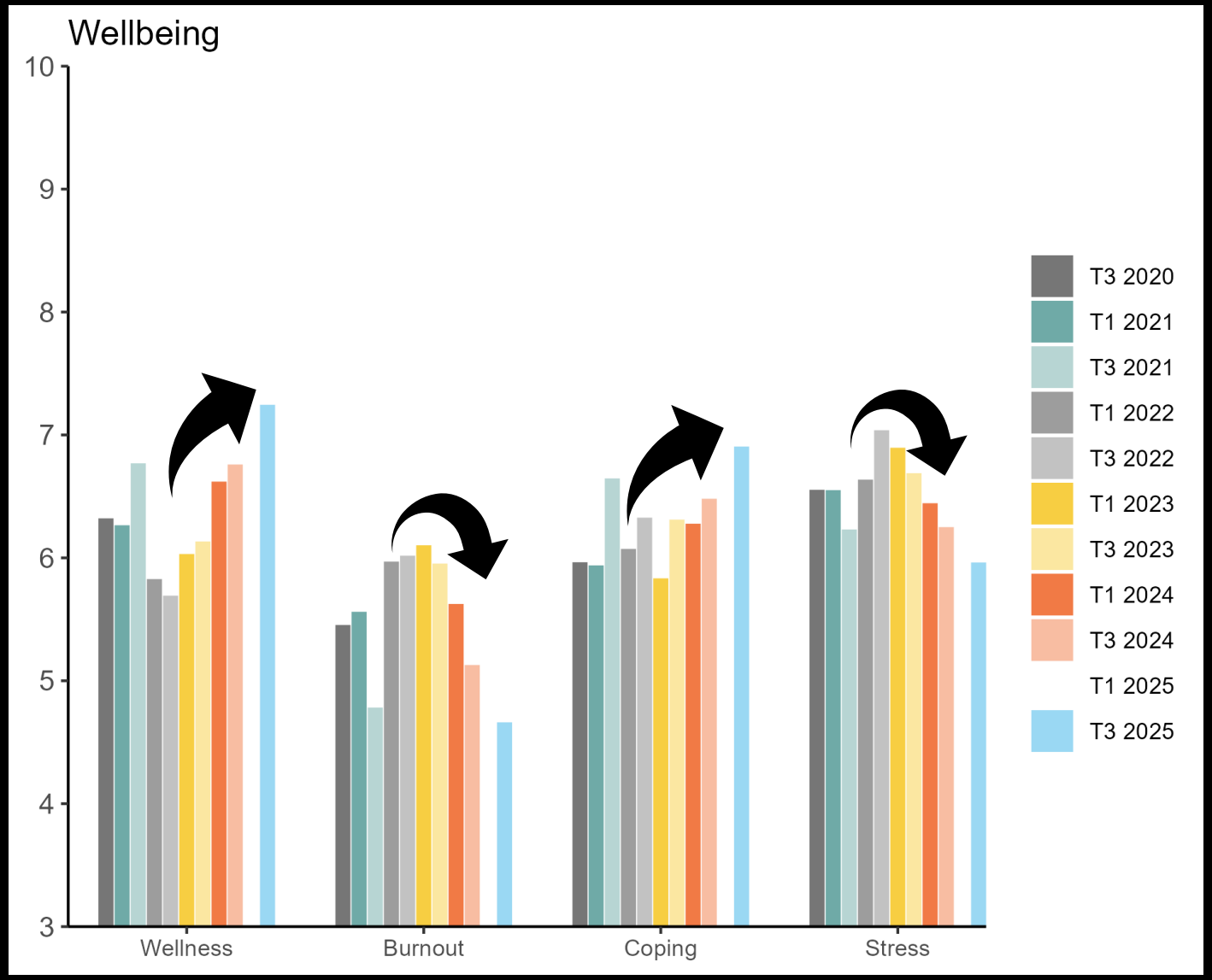
Whole school change

Building capacity for quality teaching in Australian schools (2018-2023)

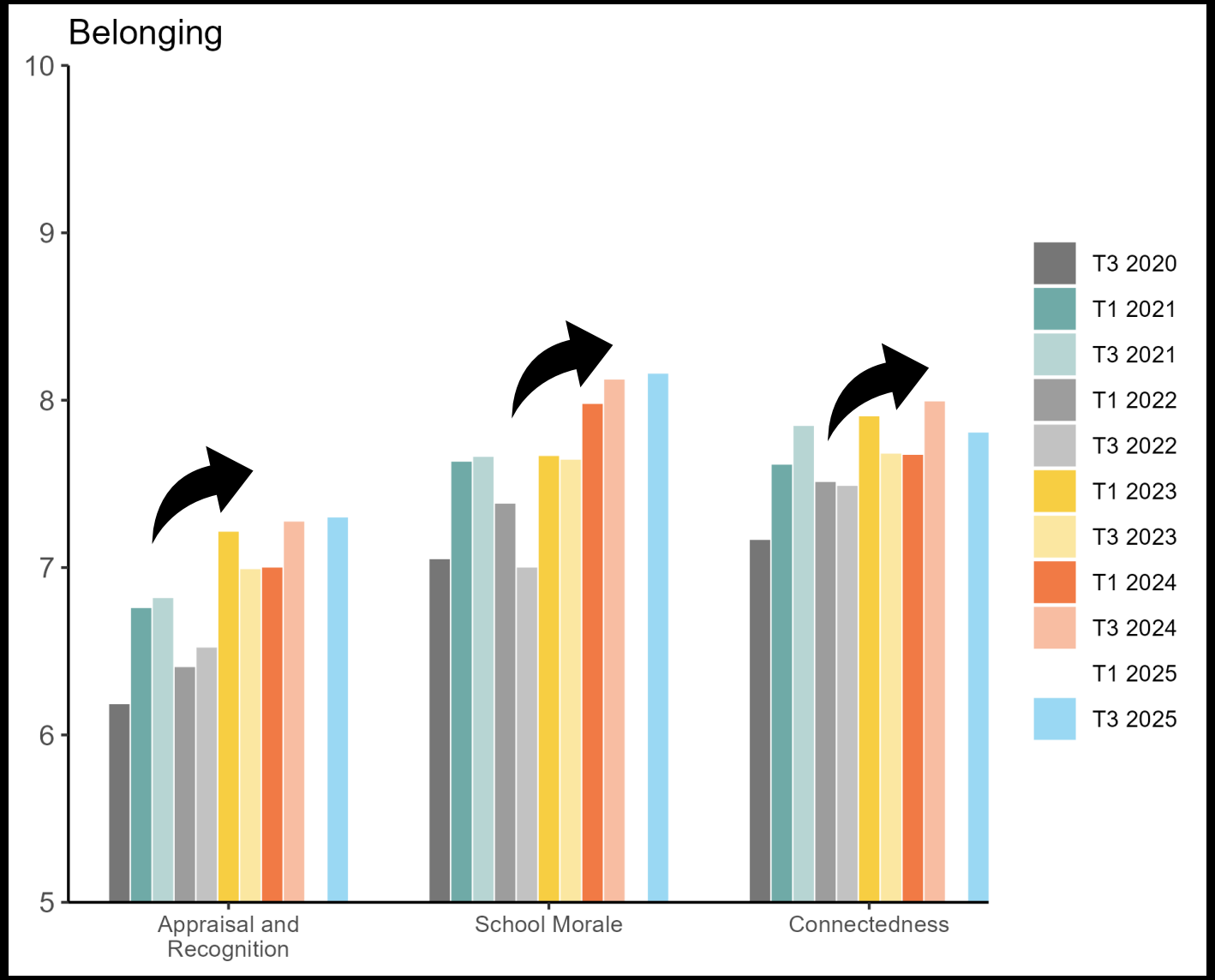
Teaching efficacy



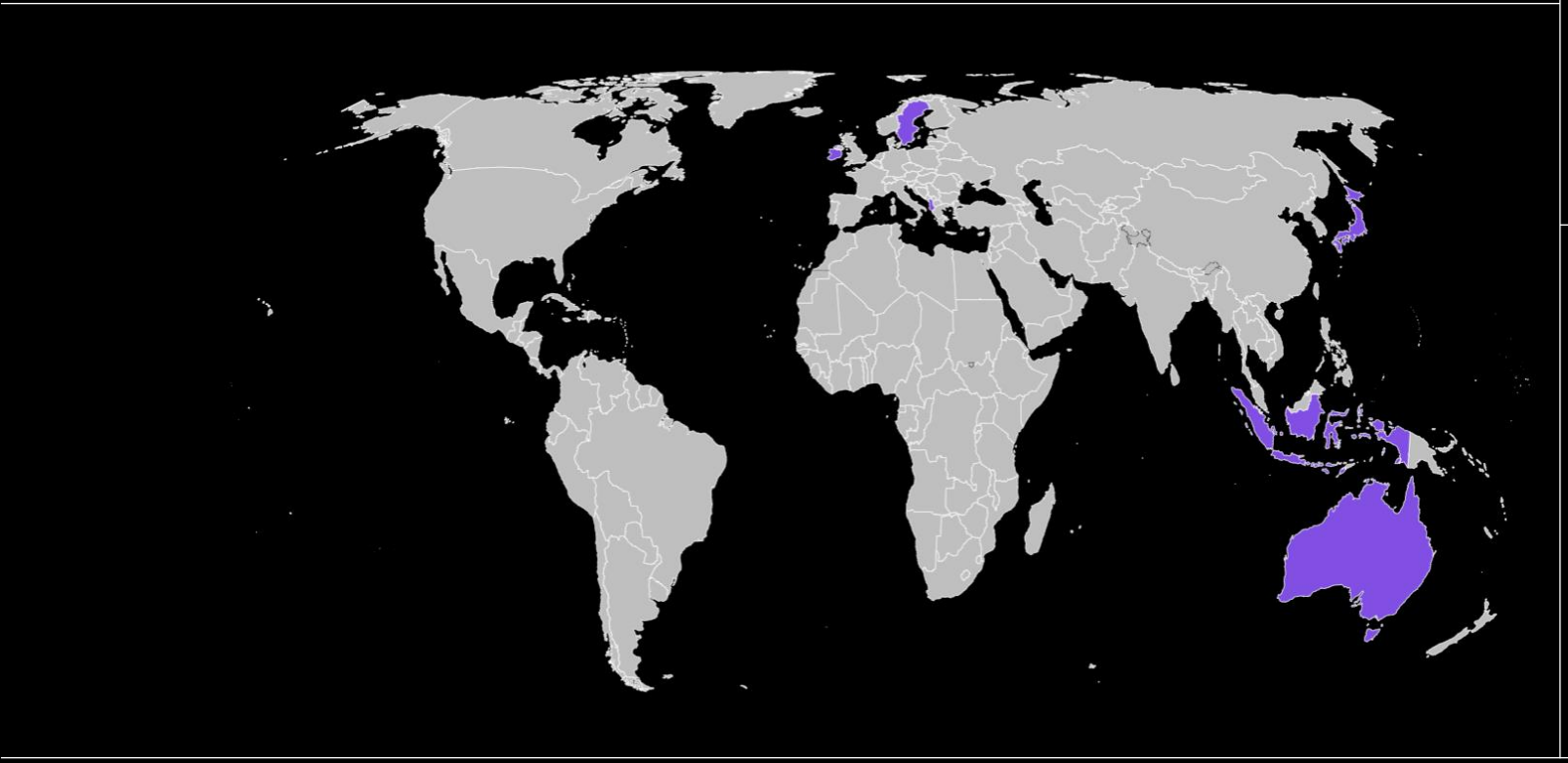
Teacher wellbeing



Staff belonging



Engagement in Australia and beyond



- Albania
- Indonesia
- Japan
- Sweden
- Germany
- Scotland

STRENGTHENING INDUCTION
THROUGH QUALITY TEACHING ROUNDS

FREE TRAINING FOR BEGINNING TEACHERS & THEIR COLLEAGUES

Funded by the Australian Government, the Strengthening Induction project aims to improve the morale, confidence, job satisfaction and retention of early career teachers.

All participants receive access to a **fully-funded two-day QTR workshop**.

There are only **400 places available** each year for teachers across Australia.

TEACHERS TEACHING RESEARCH CENTRE

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- Tailored workshops at your school
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