



Transforming Education and Skills in Kerala – Teachers as Architects of Future Citizenship

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A History of Building Transversal Capacity in Kerala

Transversal competencies are societal skills required to navigate complex social, economic, and technological futures (OECD 2018; Langa 2015)	Kerala's education system has long emphasized literacy, deep learning, and critical engagement , creating school cultures where students practice reasoning, discussion, and social responsibility as part of everyday learning.
Transversal competencies grow through reflective practice, collaboration, and shared agency — not through content transmission (Niemi et al., 2024;2026).	Kerala's education system encourages collaborative learning, peer support, shared decision-making in schools.
Future learning systems emphasise personalised paths, continuous professional development, and applying knowledge in practice.	Kerala's vision 2031 aims for a knowledge-driven economy, where teachers and schools focus on lifelong-learning mindset and practice-based competence development emphasised in future-oriented education models.

The focus on transversal competencies



Globally, education systems are shifting toward transversal competencies that allow learners to navigate complexity, uncertainty, and rapid change. Teachers cannot teach what they do not practice

Transversal competencies are vital element in teacher education.

(Langa, 2015; Harju-Luukkainen and Kangas, 2021).

Teachers as Drivers of Transformation

Teachers are the models of transversal competencies for future citizens.
Teachers in are **architects of possibility**.



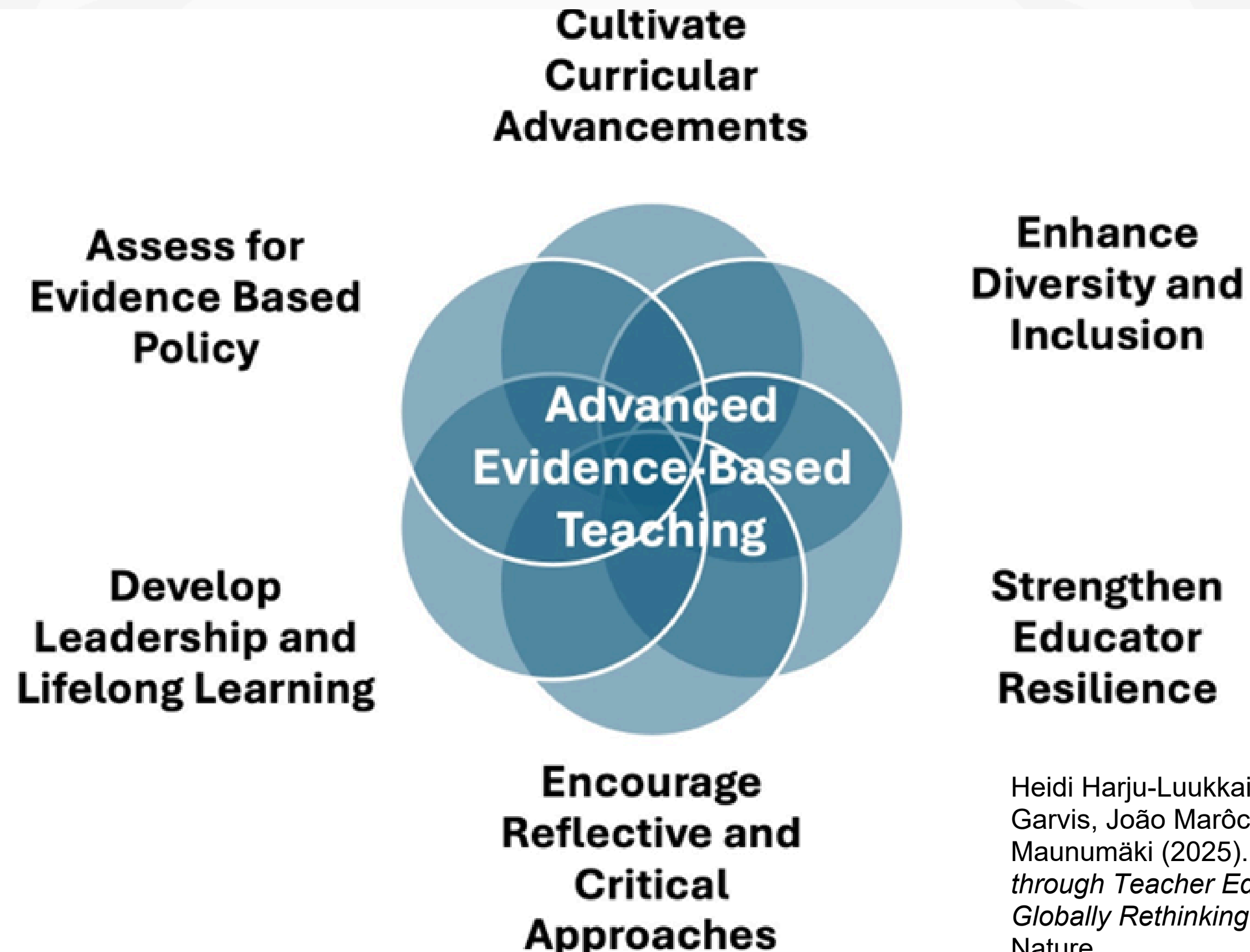
Teacher as a life-long learner

PEDAGOGICAL competencies:
Teacher as an expert of education

PROFESSIONAL competencies:
Teacher as collaboration

META competencies & sustainable
professional growth
Teacher as an agent of change

Transversal teacher education - A Tentative framework



Heidi Harju-Luukkainen, Jonna Kangas, Susanne Garvis, João Marôco, Minna Maunula & Minna Maunumäki (2025). *Generating Sustainable Futures through Teacher Education: Globally Rethinking Higher Education*. Springer Nature.

Pathways for Kerala

Embed transversal competencies into teacher education



Initial teacher education **for** developing transversal competence foundations




- Agency **for** pedagogical and curricular renewal



- Professional Communities **for** life-long learning



- Digital Pedagogy **for** continuous teacher development



**WITH THE POWER
OF KNOWLEDGE
– FOR THE WORLD**