



An Institute of



NIE-ERAS Webinar

Teacher Education: The Past, The Present and Envisioning the Future

17 Mar 2021 (2–4 pm)

Teacher Education for the 21st Century: TE²¹ and V³SK Model

Tan Oon Seng

INSPIRING LEARNING
TRANSFORMING TEACHING
ADVANCING RESEARCH

The Case against Education: Why the Education System Is a Waste of Time and Money

by Bryan Caplan

https://www.amazon.com/Case-against-Education-System-Waste/dp/0691196451/ref=sr_1_1?keywords=the+case+against+education&qid=1616054641&s=books&sr=1-1

**“Our education system
is a big waste of time
and money”**

— Bryan Caplan,
Princeton Professor of
Economics

How Schools Work: An Inside Account of Failure and Success from One of the Nation's Longest-Serving Secretaries of Education

by Arne Duncan

https://www.amazon.com/How-Schools-Work-Longest-Serving-Secretaries/dp/1501173065/ref=tmm_pap_swatch_0?encoding=UTF8&qid=&sr=

Thanks to our Legacy System in Singapore

Lee Kuan Yew's Educational Legacy: The Challenges of Success

by Oon Seng Tan (Editor),
Ee Ling Low (Editor), David
Hung (Editor)

https://www.amazon.com/Lee-Kuan-Yews-Educational-Legacy/dp/9811098956/ref=sr_1_1?keywords=lee+kuan+yew%27s+educational&qid=1616054717&s=books&sr=1-1

Global Voices in Education: Ruth Wong Memorial Lectures

by Oon Seng Tan (Editor), Hee
Ong Wong (Editor), Seok Hoon
Seng (Editor)

https://www.amazon.com/Global-Voices-Education-Memorial-Lectures/dp/9811013144/ref=sr_1_4?keywords=global+voices+in+education&qid=1616054799&s=books&sr=1-4

Building Blocks and Constant Renovation System

- “The wise man build his house upon a rock”. Getting our Foundations right.
- Beauty of understanding “inputs-throughputs-outputs”
- Stanford (Value-adding) and Harvard (Contextualising)
- Foundations of Competence and Character

Teacher Policies and Teacher Education

Teacher Effectiveness: Capacity Building in A Complex Learning Era

by Woon Chia Liu, Oon-Seng Tan (Author, Contributor)

<https://www.amazon.sg/Teacher-Effectiveness-Capacity-Building-Learning/dp/9814605565>

Teacher Education in the 21st Century: Singapore's Evolution and Innovation

by Oon-Seng Tan (Editor), Woon-Chia Liu (Editor), Ee-Ling Low (Editor)

https://www.amazon.sg/Teacher-Education-21st-Century-Singapores/dp/9811098603/ref=sr_1_1?dchild=1&keywords=teacher+education+in+the+21st&qid=1616111679&sr=8-1

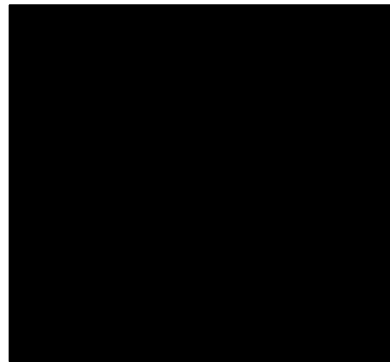
Teacher Education Frontiers : International Perspectives on Policy and Practice for Building New Teacher Competencies

by Oon-Seng Tan

<https://www.amazon.com/Teacher-Education-Frontiers-International-Perspectives/dp/9814384569>

EDUCATION BLACKBOX (Larry Cuban)

Outside: Many Changes



Classroom: Unchanged

Definition of an Educated man

- An educated man is one “who never stops learning and wants to learn” (Lee 1977).

National role of NIE — developing 21st Century education professionals with strong teacher identity, values, skills and knowledge

For the Values³, Skills and Knowledge (V³SK) Model, visit

<https://repository.nie.edu.sg/bitstream/10497/15504/1/TE21%20online%20version%20-%20updated.pdf>

Values Paradigm

- **Learner-centred values** – learner at the center of teachers' work, believing that all learners can learn
- **Teacher Identity** – having high standards and strong drive to uphold professionalism and integrity of the teaching fraternity
- **Service to the profession and community** – teachers' commitment through active collaborations and social responsibility

Sophistry of Teaching Profession

- Sophisticated expertise is needed in pedagogy, curriculum development, and leadership of educational units.
- There is a need to facilitate the creation of career tracks to provide opportunities for career progression and talent allocation.
- Different tracks should be carved out for teachers to become master teachers, curriculum experts and school leaders.
- Clearer professional pathways signal professional authority and autonomy amongst teaching professionals.

Video on Teacher Values

For the Values – Singapore video, visit
<https://www.youtube.com/watch?v=XM6XgrQ0YI4>



WE WANT OUR TEACHERS TO BE

SHAPERS OF CHARACTERS

NOT MERELY PARTICIPANTS

CREATORS OF KNOWLEDGE

NOT MERELY CONSUMERS

FACILITATORS OF LEARNING

NOT MERELY TRANSMITTERS

ARCHITECTS OF LEARNING ENVIRONMENTS

NOT MERELY IMPLEMENTERS

LEADERS OF EDUCATIONAL CHANGE

NOT MERELY FOLLOWERS

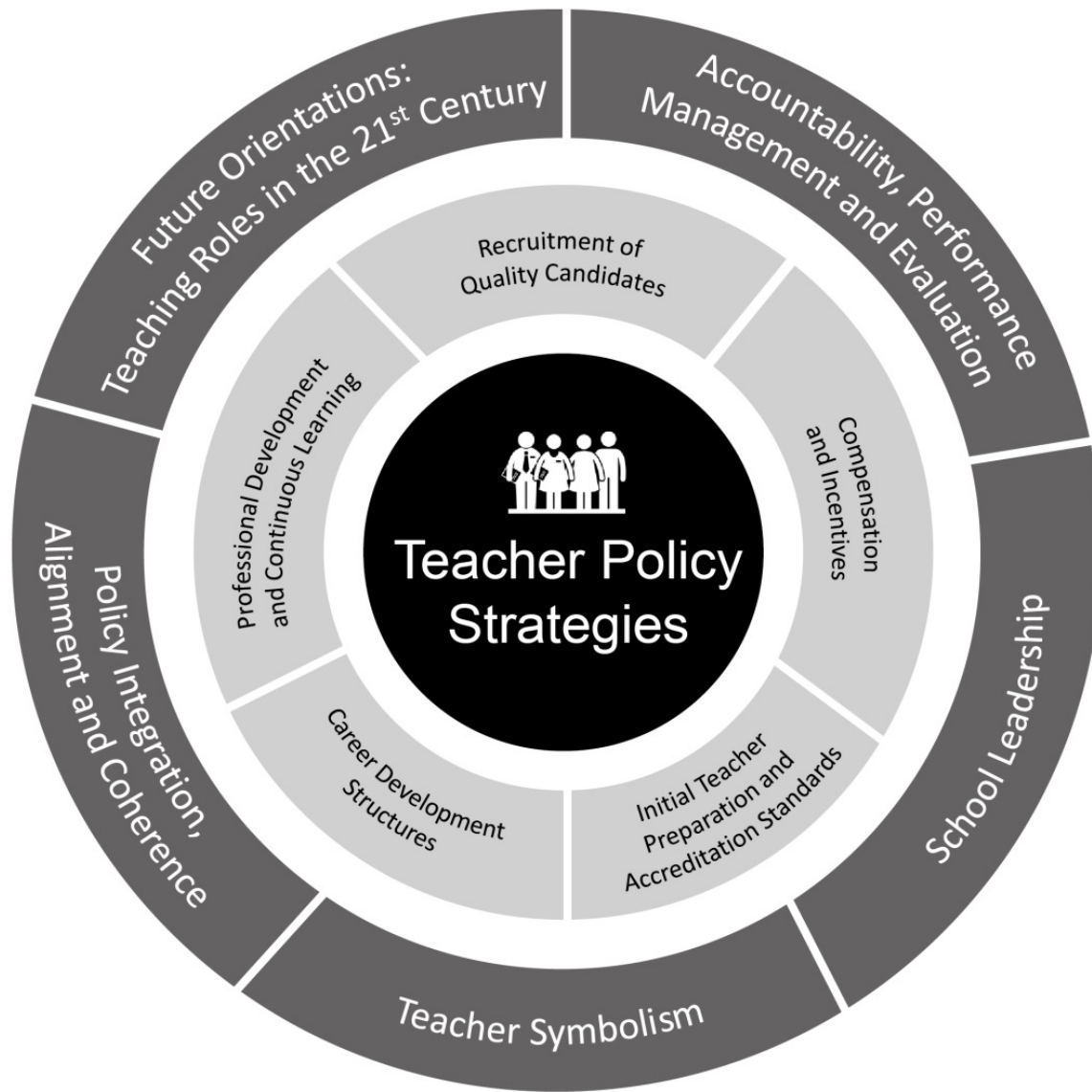
Letters to a New Minister of Education

by Fernando Reimers

<https://www.researchgate.net/publication/331501036> Letters to a New Minister of Education With contributions from

With contributions from various ministers of education and system-level leaders, including:

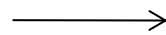
Oon-Seng Tan, "Story of Singapore and the Lion"



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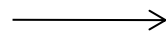
Rising above structures, humans as resources, standards and competition

Requirement,
recruitment,
training



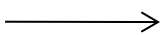
Professional symbol

Workload
and roles



Professional calling
and competencies

Compensation,
Salary, Benefits



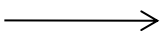
Professional
development

Results,
accountability



Professional care,
Proactive clinical practices

School management
and appraisal



Leadership
and inspiration

Thank you