Strategic and Systematic Learning and Development – the case of Singapore

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Guiding Principle: Education is an investment

- National
  - 2.9% of GDP\(^1\)
  - Skills Future funding to provide Singaporeans opportunities to continually upskill and reskill in a changing economic landscape

- Schools
  - Financial support for Singapore students at every stage of education (note on Kindergarten provision)
  - Teacher development provision (AST, NIE, Schools)

- NIE Leadership Development
  - Fully funded and receive full salary compensation to attend 7 months program

\(^1\) [https://data.worldbank.org/indicator/SE.XPD.TOTL.GD.ZS?locations=SG](https://data.worldbank.org/indicator/SE.XPD.TOTL.GD.ZS?locations=SG)
Contexts:
Geography, Economy, Society, Environment

- National (geo-economics)
  - 95% of electricity from fossil\(^1\); imports 90% of food\(^2\), 60% of water\(^3\)
  - Industry 4.0: Develop comparative advantage in
    - *high-value* manufacturing
    - Efficient, quality, and *innovative* services

- Schools
  - Mastery (National Exams, TIMSS, PISA, etc.)
  - Applied Learning Programme\(^4\) (*innovation*)

- NIE Leadership Development
  - Competency and Complexity driven learning: knowledge creation, *innovation*

Time Continuum:
Past, Present, Future

• National
  • Past and Present: Continuation of National Education for all (including Singapore Armed Forces)
  • Present and Future: Multiculturalism, Secularism, Meritocracy

• Schools
  • Past and Present: High performance in national and international standards, Character and Citizens Education
  • Future: Learn for Life Initiative - Skills Future for Educators

• NIE Leadership Development
  • Future-ready leadership development
  • Re-defining educational success for the future (measures of educational success)

References


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