

TWG01

Education systems in the digital age: the need for alignment

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QED'17
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Sofia

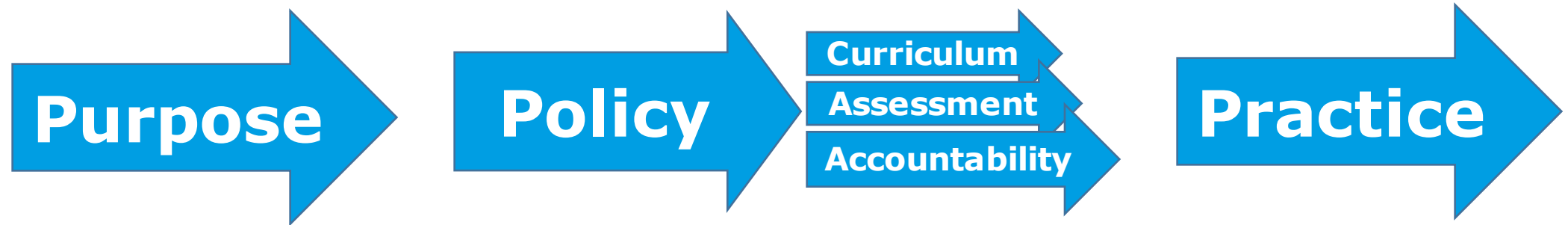


**RETHINKING LEARNING
IN A DIGITAL AGE**
18-20 SEPTEMBER 2017, BULGARIA

Group members



Alignment matters



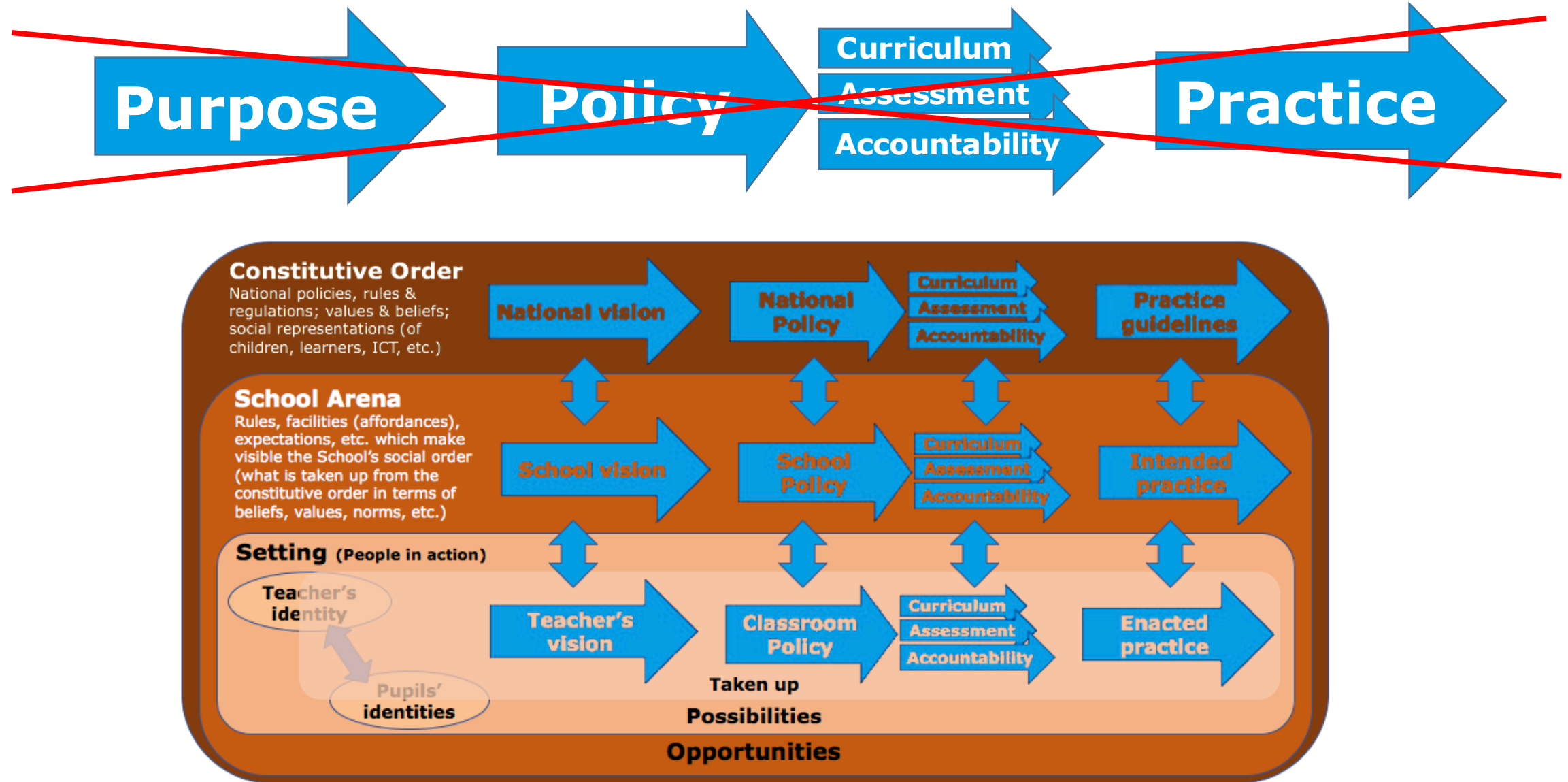
Business 101

Education literature

Butler, D., Leahy, M., Shiel, G., & Cosgrove, J. (2013). Building Towards a Learning Society: A National Digital Strategy for Schools, Dublin: St. Patrick's College of Education, Education Research Centre

Twining, P., Raffaghelli, J., Albion, P. & Knezek, D. (2013) Moving education into the digital age: the contribution of teachers' professional development. Journal of Computer Assisted Learning, 29, pp.426-437. doi: 10.1111/jcal.12031 <http://onlinelibrary.wiley.com/doi/10.1111/jcal.12031/full> (accessed 9-Feb-2017)

Challenge 1 – Alignment is complex



Challenge 2 – narrow focus (on ICT)

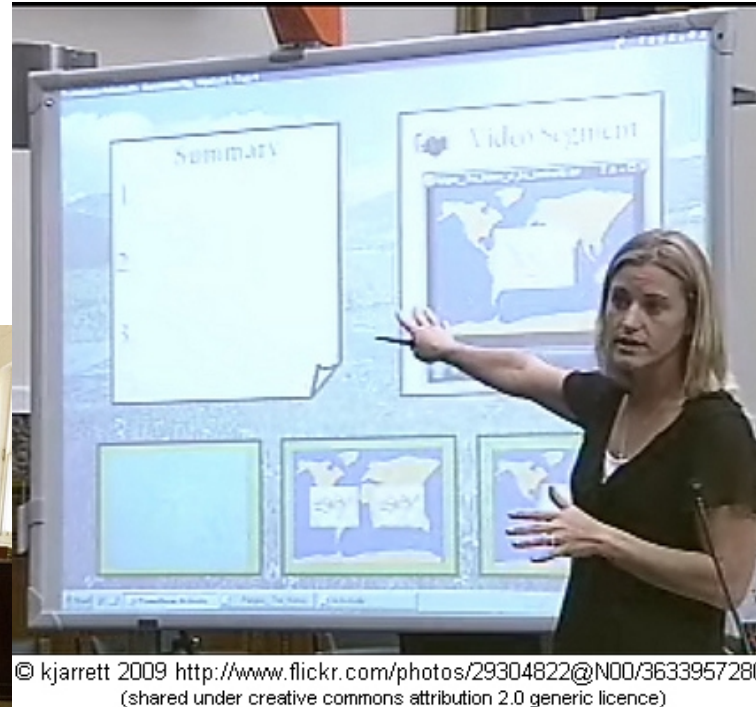


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... as evidenced by lack of impact



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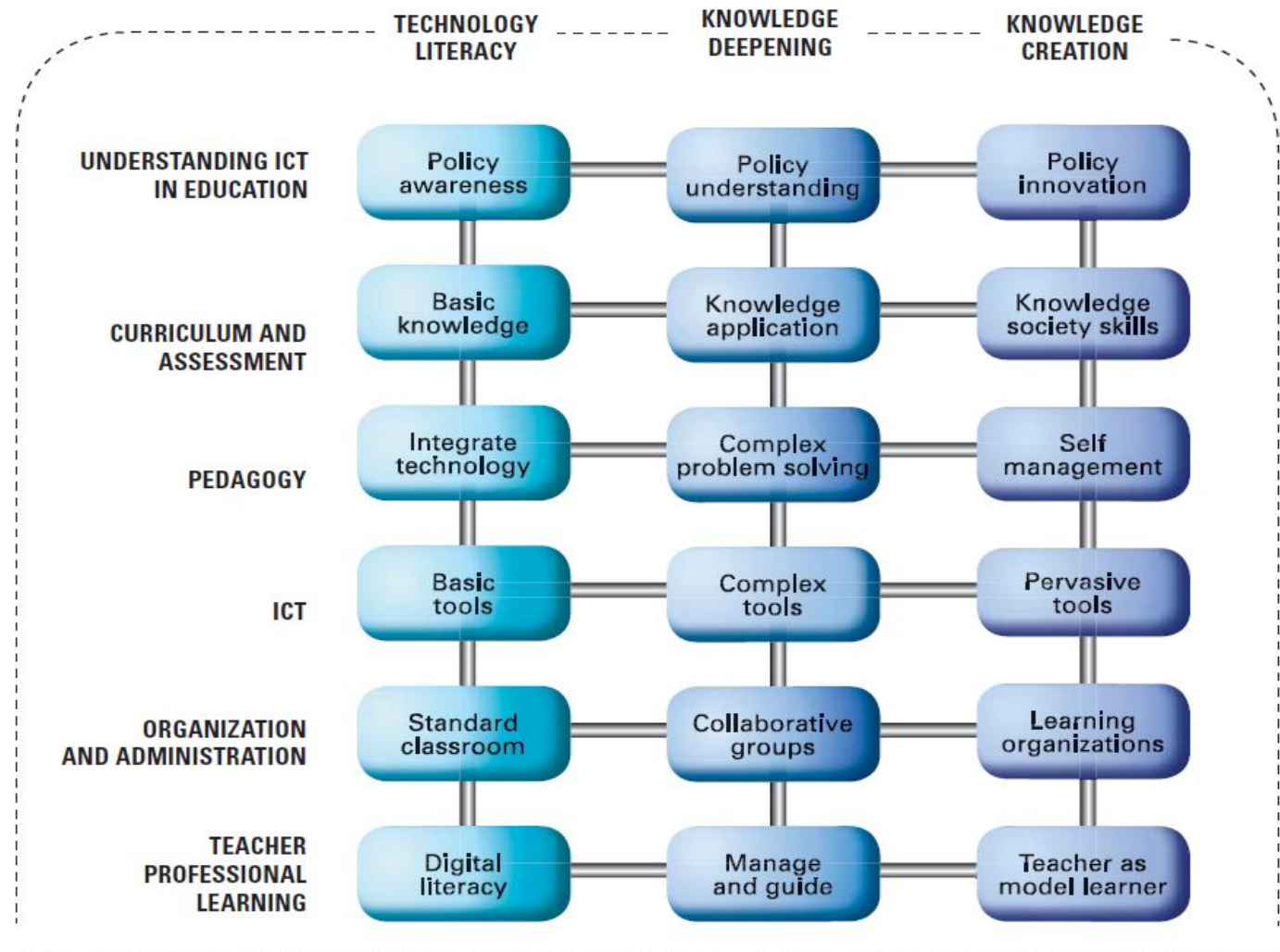
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The UNESCO Framework

UNESCO (2011) UNESCO ICT Competency Framework for Teachers. Paris: UNESCO

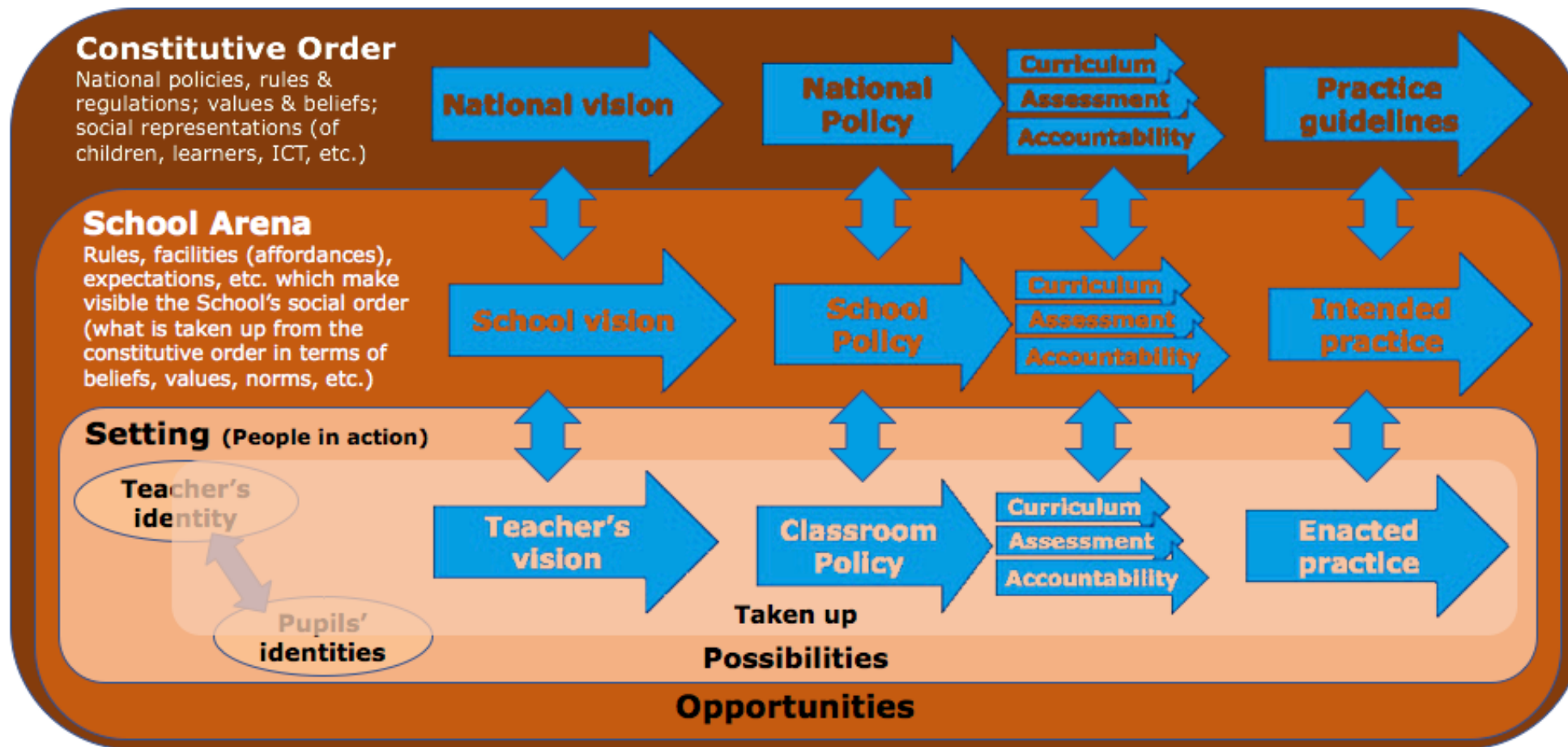


Other frameworks exist!

e.g. The Innovative Pedagogy Framework

http://edfutures.net/Innovative_Pedagogy_Framework

Challenge 3 – appropriate goals?



Our group's visions

emphasis on ethical and moral values. ideological, **ethical**, educational, cultural, artistic, **social**, biological, political, and **economical** principles

ability to communicate, to solve problem

able to **access high-quality work or study options**
to **develop oneself** supported to **succeed**
develop to their full potential as persons

lifelong learning

profound sense of accomplishment, hope and optimism

protected from harm

to have a **broad perspective about the world**

participate fully as citizens in society

and citizenship in a **democratic, socially just and sustainable** society

skills and character to contribute to the **UK's society and economy**

to build a society of **citizenship, democracy and development**

capacity to fully **exercise freedom** by all

peace

contribute to **social and economic development**

to **sustainably** use resources

and **sustainable** society

fix the broken **economy** to make it more competitive and open

Thinking the impossible – The Yin-Yang Vision



Unpacking the Yin-Yang Vision



Knowledge/Expertise
Identity

Passion
Resilience
Participation
Recognition
Success

Agency
Communication
Collaboration
Problem solving
Learning to learn

Values
Diversity
Equity
Human rights
Sustainability

The Yin-Yang Vision aligns with the Sustainable Development Goals



Our recommendations

1. Policy makers should continuously ensure that there is alignment within their system with a vision that is appropriate for the digital age.
2. Alignment needs to be grounded within an actionable vision that has buy-in from all stakeholders. Customise the 'Individual fulfilment with Universal wellbeing' vision (Yin-yang vision), which is a starting point for developing their own contextually relevant vision.
3. Use frameworks such as the UNESCO Framework (2011) as tools to guide alignment and implementation of the vision.
4. Use the recommendations from TWG7 about implementation of the vision development process.