2nd Intl. Conference on Future Education







Session 3 F: Individuality & Transformational Leadership

The BIG FIVE
The Science Gap in Educational Reform

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Introduction:

Developed in the 18th century

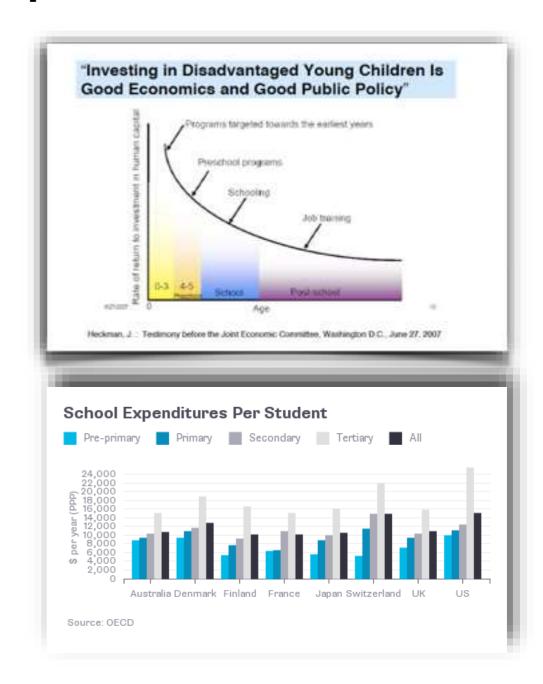
50 Points (PISA): 2 years; 0,6% economic growth

It takes 50 years to make a change

We do not tap into the full potential

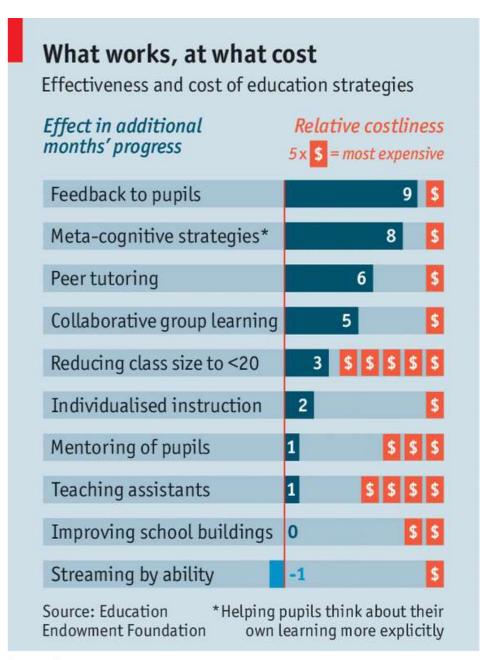
N.Yaljian et al 2015

1. J. Heckman Equation



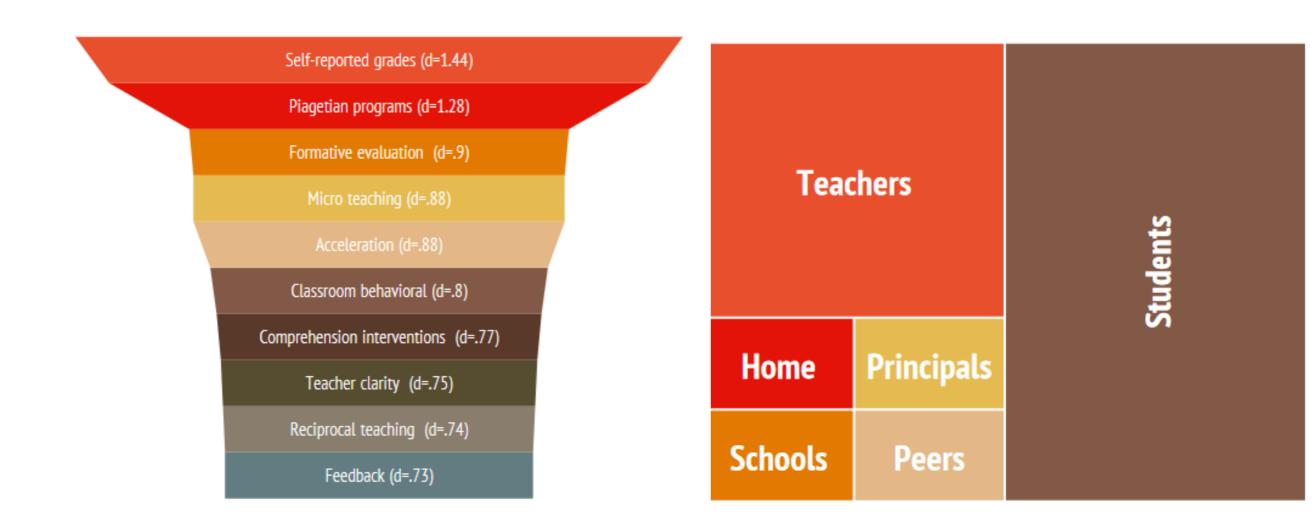
1. J. Heckman Equation

2. J. Hattie Findings

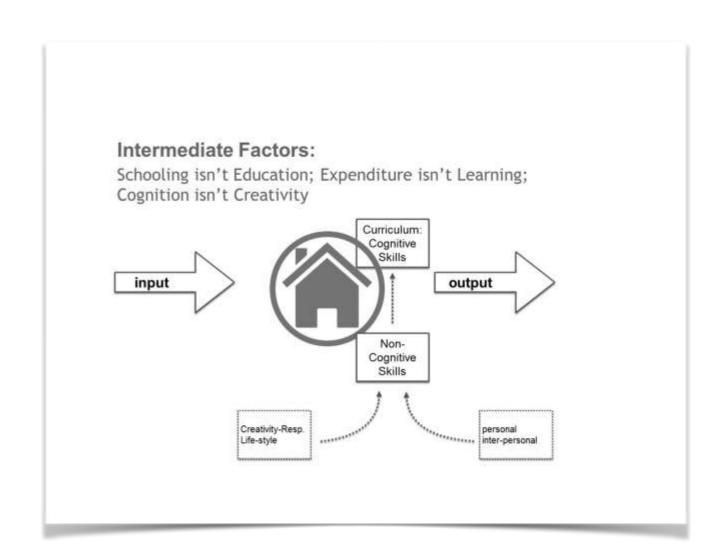


Economist.com

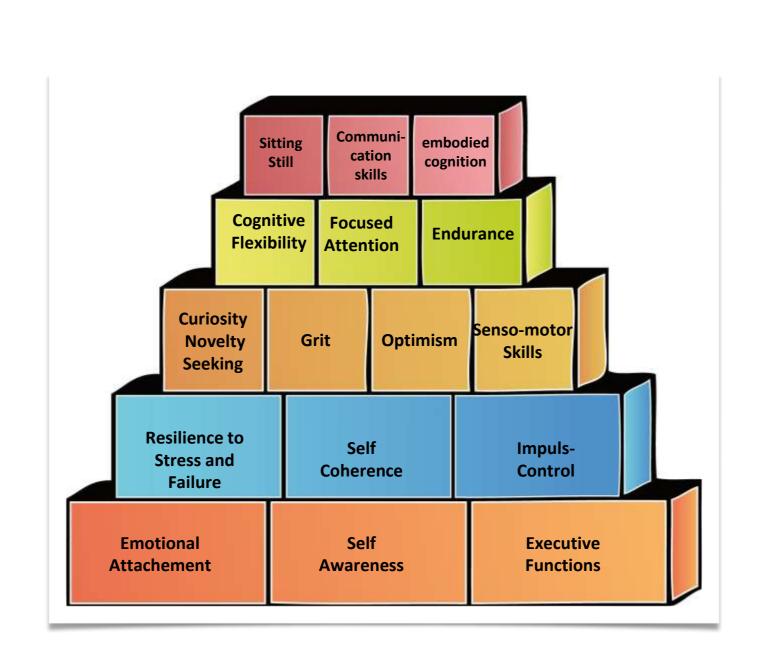
Inter-personal variables oversteer institutional variables by factor 2



- 1. J. Heckman Equation
- 2. J. Hattie Findings
- 3. Input-Out put Fallacy



Building Block of Non-cognitive factors:

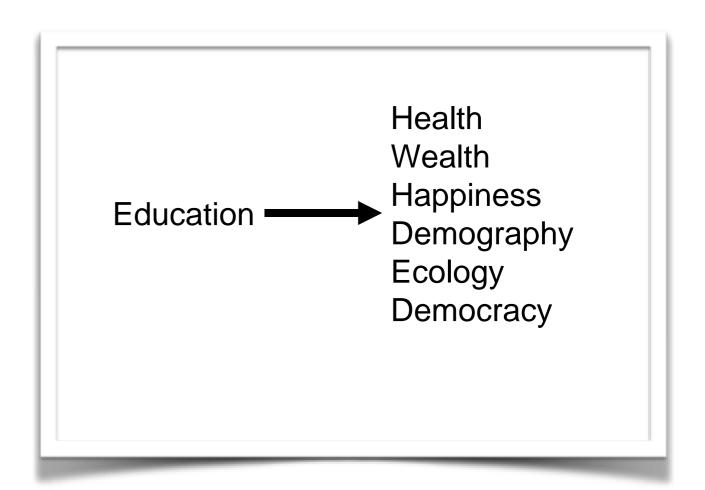




- 1. J. Heckman Equation
- 2. J. Hattie Findings
- 3. Input-Out put Fallacy
- 4. Creativity Response

- Exercise and Cognition
- Mindfulness IT
- Rest and Sleep 7/24
- Multi-sensory learning digital learning
- Social Competence Competitiveness
- Nutrition and Supplements Neuroenhancement

- 1. J. Heckman Equation
- 2. J. Hattie Findings
- 3. Input-Out put Fallacy
- 4. Creativity Response
- 5. The Causal Link



Conclusion:

We can not not learn

Learning ain't Education / Creativity

Cognitive versus Non-cognitive Factors

Psychology and Life-Style changes required

Science makes the difference