

THE
MIND LAB
by Unitec

Transversal Competencies in the 21st Century School Curricula

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The Mind Lab

32 week Postgraduate Certificate in Applied Practice (Digital & Collaborative Learning)



Why Finland?



Microsoft Partner of the Year
2015 Winner

Finland

Navigation arrows: left and right

Innofactor - 2015 Microsoft Finland Partner of the Year

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The national core curriculum for pre-, primary and basic education is being renewed in Finland

- New local curricula that are based on this core curriculum should be ready by the beginning of school year 2016–2017
- This process of renewal has involved many stakeholders, particularly education providers and education personnel.



BI - Business
Analytics

Learning
Analytics

21st Century
Skills



Mixed Methods and Agile

- Co-Design and Content Analysis
- Agile methodology
 - Alternative to traditional project management, typically used in software development
 - It helps teams respond to unpredictability through incremental, iterative work cadences, known as sprints
 - Agile methodologies are an alternative to waterfall, or traditional sequential development



Transversal Competencies (FI)

- Thinking and learning to learn
- Multiliteracy
- ICT-competence
- Looking after oneself, managing daily activities, safety
- Cultural competence, interaction and expression
- Participation and influence, building the sustainable future
- Competence for the world of work, entrepreneurship

Key Competencies (NZ)

- Thinking
- Using language, symbols, and texts
- Managing self
- Relating to others
- Participating and contributing



In my research my main focus was to...

...capture Finnish 10-year-olds understanding of the different Transversal Competences that are introduced in the new core curriculum.

...examine how pupils understood the different definitions of the competences and what they thought the benefits of those skills were.



Define one of these with 1-3 sentences.
What you are doing when you are...

Thinking critically

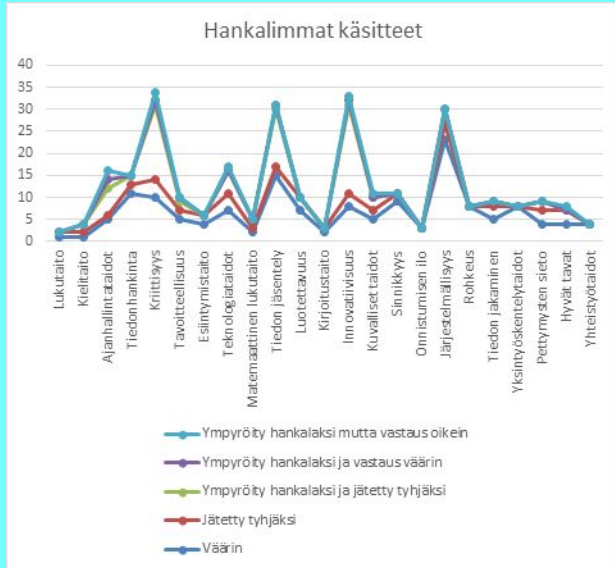
Being innovative or

Constructing knowledge



Transversal Competencies in the 21st Century School Curricula

- Literacy
- Language
- Time Management
- Knowledge gathering
- Criticality
- Goal orientation
- Presentation
- Technology
- Mathematical literacy
- Knowledge construction
- Reliability
- Writing
- Innovation
- Visual
- Perseverance
- The pleasure of success
- Being structural
- Courage
- Information sharing
- Working alone
- Resilience
- Good manners
- Cooperation Skills



How do we assess those?

Could you self-assess?



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