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?
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
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How do we assess those?
Could you self-assess?

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
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