

CCR Knowledge Framework

Themes - Embedded everywhere across Knowledge, to the appropriate extent

- Global literacy
- Environmental literacy
- Information literacy
- Digital literacy
- Systems thinking
- Design thinking
- Etc.

Traditional Knowledge, expressed along the lines of:

- Concepts & Meta-concepts
- Processes, Methods & Tools
- Branches, Subjects, and Topics¹

And with more Interdisciplinarity throughout

- Maths
- Science
- Languages – domestic
- Languages - foreign
- Social Studies (History, geography, civics, economics, etc.)
- Arts (Dance, drama, media arts, music, visual arts, etc.)
- Etc. (country-dependent)

Modern Knowledge, also expressed through the lines of:

- Concepts & Meta-concepts
- Processes, Methods & Tools
- Branches, Subjects, and Topics

And Interdisciplinary to an even greater extent

- Technology & Engineering, including:
 - Computer science, in particular: Coding; Robotics & Artificial Intelligence
 - Bioengineering, in particular: Genome editing; Synthetic Biology
 - Advanced manufacturing including design, 3-D printing
 - Etc.
- Media, including:
 - Journalism (digital)
 - Cinema
- Entrepreneurship & business
- Personal finance
- Wellness:
 - Physical
 - Mental
- Social systems (sociology, anthropology, etc.)
- Etc.

© 2015 Center for Curriculum Redesign – All Rights Reserved

¹ Finland is starting a **partial** migration to Topics: http://www.oph.fi/english/education_development/current_reforms/curriculum_reform_2016