



21CS MAP

21ST CENTURY SKILLS MAPPING

P-5 21CS MAP Questions and discussion

Esther Care

IEA GA61-07

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@Care_Esther

Definitions

MYRIAD UMBRELLA TERMS



AND MANY SKILLS



Why this study?

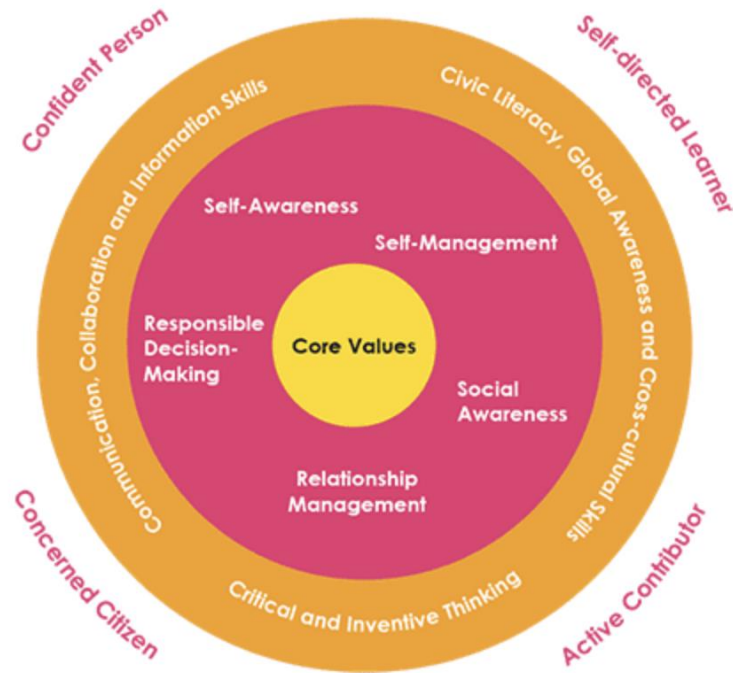
- An **increasing number** of countries are adopting a 21st century skills educational agenda
- Countries can support each other through **sharing information** about their adoption of different paths to implementation
- A need to **understand how** 21st century skills learning goals are aligned with subject-specific goals and linked teaching and assessment strategies
- Essential to know the opportunities for student acquisition of 21st century skills in order to establish **realistic performance expectations**

Examples of skills highlighted by countries

Zambia	critical thinking and problem solving, creativity and innovation, entrepreneurship, self-management, communication , and cooperation
Kenya	communication and collaboration, critical thinking , problem solving, imagination and creativity, citizenship, digital literacy, learning to learn, and self-efficacy
Australia	literacy, numeracy, information and communication technology capability, critical and creative thinking , personal and social capability, ethical understanding, intercultural understanding
Philippines	collaboration, communication , information literacy, technology literacy, critical thinking , problem solving, innovation

Examples of frameworks

- Singapore



- Costa Rica



Examples of structural models

- *added* to the already existing school curriculum as new subjects or as new content within traditional subjects
- *integrated* as cross curricular competences that both underpin the subjects of school curriculum and place emphasis on the acquisition of wider key competences
- part of a *new curriculum* in which the traditional structure of school subjects is transformed

Data collection at four levels

LEVEL 1: *Identification of 21CS valued at over-arching level*

LEVEL 2: *Descriptions of the valued 21CS*

LEVEL 3: *Visibility of 21CS within subject syllabi*

LEVEL 4: *Information about expected levels of competence in demonstration of 21CS*

Study details

Focus	Scope
Which grades?	Grades 4 and 8
Which skills?	Specific skills within cognitive and social domains <ul style="list-style-type: none">• Review conceptual and national frameworks• Collect preliminary country data to identify most frequently targeted skills
Which subjects?	Core subjects that are unlike each other <ul style="list-style-type: none">• A social science (geography, history)• Science

Schedule summary - draft

Timeline	Period
Inception	Dec to May 2021 (~15 days)
Research and preliminary work	Dec-May 2021
NRC virtual meeting	Mar 2021
NRC meeting 1 (review framework)	May 2021
Pilot	May-Sep 2021(~17 days - pilot*)
Preparation of survey items and form	May-Jun 2021
NRC curriculum audit & data entry	Jun-Jul 2021
NRC report to international study center	Aug 2021
Main Mapping	Oct 2021-Feb 2021 (~37 days)
NRC meeting 2 (main survey training)	Oct 2021
NRC audit and data entry (web support)	Oct 2021-Dec 2021
Download of main survey data	Jan-Feb 2022
Analysis	Mar-Jun 2022 (~8 days)
Preliminary results reporting	May 2022
NRC meeting 3 (review results)	Jun 2022
Reporting	Jun-Dec 2022 (~19 days)
Preparation of International Report	Jun-Aug 2022
Preparation of publications	Jul-Dec 2022
Presentations and events	Sep-Dec 2022

21CS MAP is recruiting now!

Contact us if you have any questions and we will be happy to have you and your colleagues join the Information Webinar in late October – JOIN US!

What will the study tell us?

Inter alia:

- evaluate if there are common understandings of 21CS
- inform review of teacher training
- identify models of integration of the competencies
- demonstrate any differential prioritising of competencies



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ENROLL IN 21CS MAP

For more information about the study and how to enroll, please contact IEA.

Further information about 21CS MAP can be found on the IEA study web page:

www.iea.nl/studies/iea/21csmap

Esther Care
e.care@unimelb.edu.au