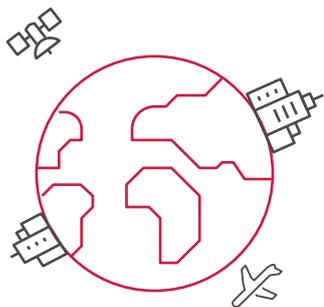


21ST CENTURY SKILLS OF RUAS STUDENTS



The world is changing rapidly and society and environment are facing transformational challenges.

HOW WILL YOUNG PROFESSIONALS COPE WITH A LABOR MARKET IN TRANSITION, THE DEVELOPMENT OF THE NEXT ECONOMY, THE DIGITAL FUTURE. WHICH PERSPECTIVE OF 21ST CENTURY SKILLS WILL STUDENTS HAVE.

21ST CENTURY SKILLS RESEARCH GROUP

FOUNDATIONAL LITERACIES

Literacy
Numeracy
Scientific literacy
Internet, media technology literacy
Financial literacy
Cultural & civic literacy
Environmental literacy

COMPETENCIES

Critical thinking/problem solving
Creativity
Communication
Collaboration
Entrepreneurship

LIFE SKILLS

Curiosity
Initiative
Persistence
Adaptability
Leadership
Social & cultural awareness
Health and psychological awareness

Results pilot study

Top 3 perceptions of of 21st century skills for future employment:

① *critical thinking* ② *communication* ③ *collaboration/persistence*

Top 3 acquired:

① *collaboration* ② *curiosity* ③ *creativity/communication*

Top 3 perception of the importance of experiences in an international setting of the development of 21st century skills:

① *placement outside NL* ② *exchange outside NL* ③ *thesis outside NL*

CONCLUSIONS

The top 6 is not the same for every school

CMI	IBK	RBS	WDK
IMT literacy	Critical Thinking	Communication	Communication
Critical Thinking	Communication	Critical Thinking	Critical Thinking
Creativity	Collaboration	Collaboration	Persistence
Adaptability	Financial literacy	Financial literacy	Soc + Cult Awareness
Curiosity	Persistence	Persistence	Creativity
Communication	Cultural literacy	Cultural literacy	Curiosity



Students were given the same list of definitions, but some skills were rated higher within schools where those skills are expected to be relevant.



CENTRAL QUESTION

WHICH 21ST CENTURY SKILLS DO RUAS STUDENTS THINK THEY NEED TO DEVELOP DURING THEIR STUDIES IN ORDER TO INCREASE THEIR EMPLOYABILITY

ONE OF THE SUB-QUESTIONS

What are student's perceptions of the importance of 21st century skills for future employment?



RESEARCH OBJECTIVES



To clarify the concept of 21st century skills for RUAS
To define whether existing curricula need to be adjusted

RESEARCH FINDINGS AT RBS, IBK, CMI, WDKA

- ▶ 77% of the students have not heard of 21st century skills
- ▶ Top 8 Importance of 21st century skills: communication, critical thinking, collaboration, persistence, initiative, adaptability, creativity, curiosity
- ▶ Top 6 Already developed 21st century skills prior to RUAS: communication, critical, thinking, persistence, collaboration, curiosity, social + cultural awareness
- ▶ Top 3 Contribution of international activities to development of 21st century skills: placement, exchange, thesis outside NL



ROAD FORWARD

- ▶ Operationalisation of different 21st century skills and translating the elements of 21st century skills to learning outcomes
- ▶ Developing didactical methods which are most effective and efficient for developing 21st century skills
- ▶ Define the skills and make them tangible for students regarding the professional profile
- ▶ Realising that the Framework 21st Century Skills is a dynamic framework that should be discussed with all stakeholders (students, advisory board, professional field)

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