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

**21ST CENTURY SKILLS OF RUAS STUDENTS**

The top 6 is not the same for every school

**RESULTS**

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

The 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

**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)

**RESEARCH FINDINGS**

- 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

**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

**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

**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)

**READ THE REPORT**