



Thematic Sheet 2/6

EDUCATION, LEARNING AND WORKFORCE

Sec. I and II

Eduki Competition 2025/2026

- **Interconnected : human – digital – sustainable**

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B) EDUCATION, LEARNING AND WORKFORCE

Impacts on learning methods, taught content, and the evolution of work

INTRODUCTION TO THE TOPIC

Digital technology is profoundly transforming the way young people learn, train, and envision their professional future.

This sub-theme invites reflection on the effects of digitalization on learning methods, training content, and the evolving work sector. It involves exploring both the opportunities offered by new technologies—such as access to knowledge, educational innovation, and professional flexibility—and the challenges they pose, notably in terms of dependency, digital inequalities, and loss of bearings.

The goal is to identify concrete strategies to promote a balanced, healthy, and thoughtful use of digital tools, supporting personal development, lifelong learning, and sustainable employment.

TO START THE DEBATE

This sub-theme can be approached from different angles. Here are some possible directions:

→ The relationship between digital technology and education

- How is digital technology transforming teaching methods and pedagogical practices in schools?
- How can we ensure all students have equitable access to digital tools (computers, internet connection, software)?
- What effects can digital technology have on students' concentration, motivation, and participation?

→ Online security

- What are the digital risks for students (cyberbullying, data theft, hate speech, etc.) and how can they be prevented?

- How can students be taught to protect their personal data (usernames, passwords, photos, etc.)?
- How can schools ensure the security of the digital platforms they use (software, educational apps, virtual classrooms)?

→ Hyperconnectivity and stress

- How can we deal with it constructively, and what strategies can be used?
- What factors sometimes make it difficult to disconnect from digital tools?
- What are the signs of excessive screen use?

→ Emotions and screens

- How can we support students (who are increasingly connected, both at school and in their personal lives) in managing their emotions related to screen use?

SOME KEY STATISTICS

- As of the start of the 2025 school year, the Canton of Geneva will enforce a **complete ban on mobile phones** in all lower secondary schools (Cycle d'orientation), including during breaks and lunch periods. This measure aims to enhance the quality of learning, support students' mental well-being, and foster face-to-face social interactions beyond screens ([état de Genève, 2025](#)).
- In Switzerland, a group of parents, supported by the association NextGen4Impact, is calling for a minimum age of 16 to access social media platforms such as TikTok, Instagram, and Facebook. Their goal is to combat addiction, cyberbullying, and depression among adolescents. The petition has gathered over 7,300 signatures.
Some experts draw parallels between social media use and alcohol consumption due to their addictive potential. The Federal Council is considering reviewing the proposal, particularly in light of the upcoming introduction of a digital identity system (E-ID) which could allow for age verification ([Blick, 2025](#)).
- Since 2018, the Department of Training and Learning (DFA/ASP), in collaboration with the Department of Information Technology (DTI), has been offering a Certificate of Advanced Studies (CAS) in Educational Robotics for teachers from kindergarten to secondary level. This continuing education program spans one and a half years and is worth 10 ECTS credits. It introduces participants to robotics and programming languages, with a strong focus on teaching methods and the design of educational activities involving robotics ([laRegion, 2023](#)).
- In 2022, almost all children aged 3 to 11 used a screen every day. Screen time increases with age and is higher among children from less advantaged backgrounds ([Santé publique France, 2025](#)).

- Excessive use of mobile phones can negatively affect young people's personal, social, and academic lives. It increases the risk of sleep disorders, stress, anxiety, depression, and even eating disorders. This dependency promotes isolation, reduces communication and self-esteem, lowers interest in offline activities, and decreases motivation to learn ([Psychologue.net](https://psychologue.net), 2023).

... And your students, what do they think

DID YOU KNOW? (CASE STUDY)

AI: Robots can also say « That's enough for today »
An example of the risks associated with the growing autonomy of AI

An experiment conducted by researchers demonstrated that a robot equipped with advanced artificial intelligence could persuade other robots to stop their activities and «go home» Programmed to interact with machines performing simple tasks, this robot used language processing algorithms and machine learning to influence the behavior of the other robots. Unexpectedly, the others complied, illustrating the potential communication and influence capabilities of artificial intelligence.

SOME NON-EXHAUSTIVE PROJECT IDEAS

CATEGORY: ARTWORK

Project idea	Description
Poster– « <i>Evolution of jobs</i> »	Changes in professions, automation, and skills needed in a digitalized world.
Drawing – « <i>Robots at School</i> »	Robots: the teachers of the future? Everyone with their own robot-teacher at home? Etc.
Collective collage – « <i>Me and Screens</i> »	A visual representation of students' daily digital habits.
Photos – « <i>Technology in My School</i>	Students reveal the role of technology within their school.

CATEGORY: MEDIA CREATION

Project idea	Description
Radio show – « <i>Evolution of jobs</i> »	Changes in professions, automation, and skills needed in a digitalized world.

Website – «Digital Technology and School»	A website offering advice on integrating digital technology in schools.
Street interviews – «Was school better yesterday or today? »	Interviews conducted by asking different people about the topic.
Documentary – «My Dream School»	Imagine your ideal school: what would you change?

CATEGORY: CONCRETE ACTION

Project idea	Description
Intergenerational exchanges on the evolution of work and the role of digital technology, followed by an exhibition or debate	Students organize a meeting with one or more external guests (parents, grandparents, or others) to compare their visions and experiences of work – past, present, and future – as well as the evolving role of technology in the workplace.
Exhibition: AI at School – Perspectives from Teachers and Students	Students conduct a survey among teachers and students to gather their views on the use of artificial intelligence in schools: its benefits, limitations, and impacts on learning. The results (testimonials, interviews, posters, digital productions, etc.) are presented in the form of an exhibition or interactive presentation open to the educational community
Debate	Potential topics: Artificial Intelligence (AI), “AI & School” Charter, Digitalization.
Digital Well-being Charter	Developed collaboratively; displayed in the classroom or shared within the school.
Awareness Campaign	How to integrate mobile phones at school?
Technology-Free Day	A full day at school without phones or screens, followed by a reflection session on the experience.

DRAW IDEAS FROM PREVIOUS WINNERS OR OTHER EXISTING PROJECTS

- *Travelling pavilion* – Campaign « Ecrans, parlons-en! »
- *Défi une semaine sans écran* – Ayent-Arbaz School
- *Charte numérique Valais*

USEFUL RESOURCES

WEBSITES

Title	Description
School Projects Link	Action Innocence collaborates with schools to develop prevention and awareness initiatives based on the digital journey.
Declick Link	Children are exposed to the Internet, social media, and video games at a very early age. It is essential to start the dialogue as early as possible to encourage safe and responsible use of these media.
Youth and Media Link	This information site is dedicated to the development of digital skills.

PRESS ARTICLES

Title	Description
Will robots replace teachers? Link	Whether in-person or through distance learning, experts acknowledge immense potential but also warn of risks if machines become too close to humans.
How AI is reshaping the Swiss professional landscape Link	According to Avenir Suisse, decision-making professions are still little affected by AI, which does not impact all sectors equally.
In Valais, digital technology will become more important in schools Link	The Valais digital education strategy, approved by the Council of State, aims to harmonize equipment in schools and modernize teaching practices.

EDUCATIONAL RESOURCES

Title	Description
Teaching sequence – Education and Morality Link	The goal of this teaching sequence is to reflect on what constitutes a good education and what educational rules should apply to artificial intelligences.
Declick Educational Brochures Link	Prevention brochures (such as «From Selfie to Self-Care», «The World of Screens», etc.) offering illustrated tips and information for healthy and responsible screen use.
Set «Family and Screens» Link	26 cards to order for discussing screen use by age group (0-3, 4-10, 11-18 years). Covers a variety of themes and provides advice, questions, and resources for parents and educators.