Digitální kompetence

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2017

Organisace

- Páteční přednášky
- Pondělní cvičení
- Úkoly:
  - Vytvořit vzdělávací modul v Moodle nebo v jiném LMS (respektive ucelený kurz ve skupině)
  - Napsat odborný text na téma digitálních kompetencí
  - Vytvořit infografiku
  - Napsat test
  - Bude Libffest? (záleží na vás)
  - (recenze na knihu)

Digital Competence

- Complex definition
- Unclear borders
- They can include several different concepts:
  - Digital literacy
  - Information literacy
  - Data Literacy
  - Media Literacy
  - Computer literacy
  - Informative thinking
  - New literacy

The Digital Competence Framework 2.0

- Digicomp 2.1
  - http://publications.jrc.ec.europa.eu/repository/bitstream/JRC106281/web-digcomp2.1pdf_(online).pdf
- European Digital Competitiveness Reference Framework
- More levels of knowledge and skills
- Continuity with national projects

The Digital Competence Framework 2.0

- **Information and data literacy**: To articulate information needs, to locate and retrieve digital data, information and content. To judge the relevance of the source and its content. To store, manage, and organise digital data, information and content.

- *Browsing, searching and filtering data, information and digital content*

- *Evaluating data, information and digital content*

- *Managing data, information and digital content*

The Digital Competence Framework 2.0

- **Communication and collaboration**: To interact, communicate and collaborate through digital technologies while being aware of cultural and generational diversity. To participate in society through public and private digital services and participatory citizenship. To manage one's digital identity and reputation.
- *Interacting through digital technologies*
- *Sharing through digital technologies*
- *Engaging in citizenship through digital technologies*
- *Collaborating through digital technologies*
- *Netiquette*
- *Managing digital identity*

The Digital Competence Framework 2.0

- **Digital content creation**: To create and edit digital content To improve and integrate information and content into an existing body of knowledge while understanding how copyright and licences are to be applied. To know how to give understandable instructions for a computer system.
- *Developing digital content*
- *Integrating and re-elaborating digital content*
- *Copyright and licences*
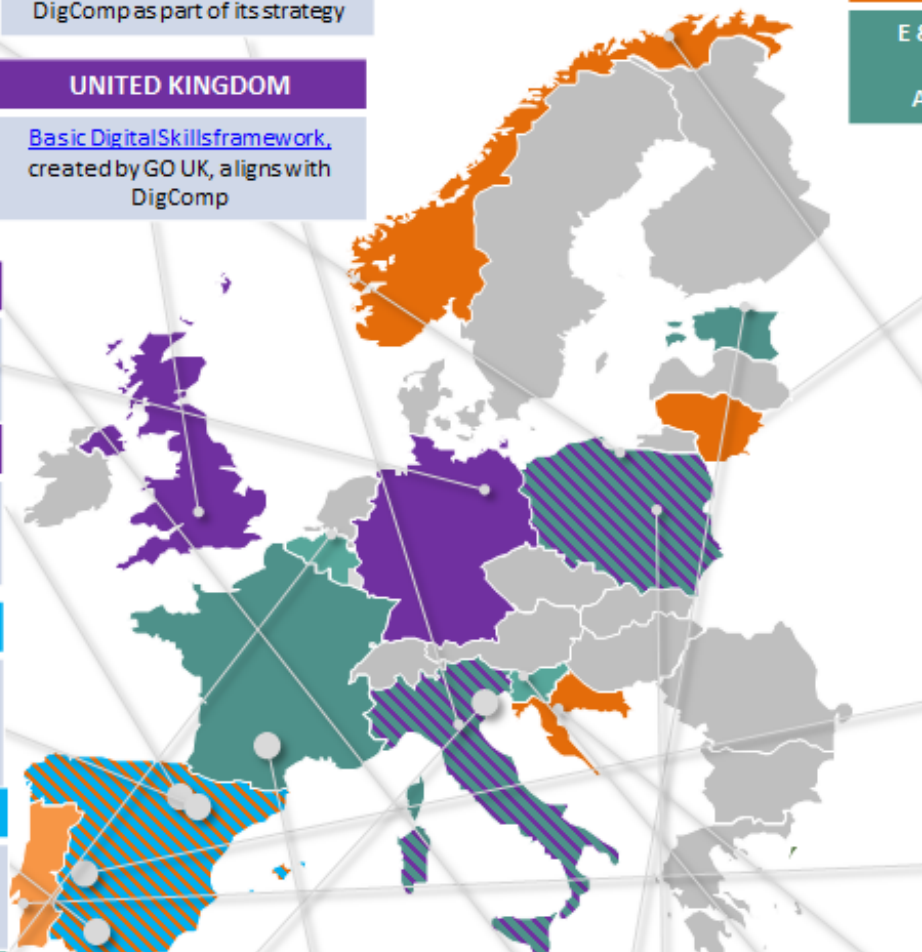- *Programming*

The Digital Competence Framework 2.0

- **Safety**: To protect devices, content, personal data and privacy in digital environments. To protect physical and psychological health, and to be aware of digital technologies for social well-being and social inclusion. To be aware of the environmental impact of digital technologies and their use.
- *Protecting devices*
- *Protecting personal data and privacy*
- *Protecting health and well-being*
- *Protecting the environment*

The Digital Competence Framework 2.0

- **Problem solving**: To identify needs and problems, and to resolve conceptual problems and problem situations in digital environments. To use digital tools to innovate processes and products. To keep up-to-date with the digital evolution.
- *Solving technical problems*
- *Identifying needs and technological responses*
- *Creatively using digital technologies*
- *Identifying digital competence gaps*

Member State implementations

Legend
- TEACHER PROFESSIONAL DEVELOPMENT
- ASSESMENT FOR EMPLOYABILITY
- E & T CONTENT /STUDENT ASSESSMENT
- POLICY SUPPORT, FRAMEWORK IMPLEMENTATION

POLAND
The Min. of Digital Affairs published a catalogue of digital competence frameworks for Digital Poland 2014-2020 referring to DigComp

MALTA
Use of DigComp by the Ministry for Education and Employment in Maltese "Digital Strategy"

GERMANY
A new strategy 'Education in the digital world' (Bildung in der digitalen Welt) builds on DigComp (+2 other frameworks)

NAVARRA, SPAIN
Navarra Department of Education uses DigComp as a key reference for strategic planning

BASQUE COUNTRY, SPAIN
Ikanos project developed by the Basque Government to deploy the Digital Agenda. Free DigComp self-assessment and training

ANDALUCIA, SPAIN
"Andalucia digital" offers free DigComp self-assessment and training for job-seekers

FLANDERS, BELGIUM
Dept. of Education use DigComp for a curricula review and development of adult education courses

REBIUN, SPAIN
The Network of Spanish University Libraries (REBIUN) uses DigComp to upskill students in 76 Spanish universities

ITALY
Italian Digital Agenda will translate and implement DigComp as part of its strategy

UNITED KINGDOM
Basic Digital Skills framework, created by GO UK, aligns with DigComp

FRANCE
PIX platform being developed by the Min. of Education to certify digital skills based on DigComp

EMILIA-ROMAGNA REGION, IT
Uses DigComp to re-design courses/materials in Pane e internet, an e-inclusion initiative

ESTONIA
From 2017 on, all 9th graders will be evaluated using DigComp

POLAND
Training for certification purposes based on DigComp provided by ECCC Foundation and ECDL in Poland.

LITHUANIA
Translation of the DigComp framework by the Education Development Centre. Used for Teacher PD

NORWAY
The Centre for ICT in Education uses DigComp as a references to develop a DigComp framework for the teaching profession

SPAIN
The Min. of Education, INTEF created Common Framework for Teacher Digital Competence based on DigComp. Use agreed between State and Regional governments.

EXTREMADURA, SPAIN
Extremadura implements Teachers Digital Competence Portfolio based on DigComp

PORTUGAL
The Min. of Education uses DigComp as an input for teachers' PD. Translation by CIDTFF, supported by the MoE

CROATIA
e-Schools project by Croatian Academic and Research Network uses DigComp to support teachers

SLOVENIA
Translated by National Education Institute. DigComp used in assessing students in ICT

TO BE CONTINUED…