Eastern Partnership Education, Culture & Youth Panel
Future of Teaching and Learning – Digital Learning

Developing the Digital Competences of Teachers

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Online Meeting | 4th December 2020
ETF approach to Digital Education

1. Digital capacity of schools (SELFIE)
2. Digital competence of educators - DigCompEdu
3. Digital competence of learners - DigComp
4. Professional Digital Skills – Current and emerging occupations
CHANGING NEEDS FOR DIGITAL COMPETENCES..

• Digital Competences of teachers are becoming more important – national, regional and EU policy makers all agree…

• During CoVid19 Digital Competences not just important but critical for any education at all…

• Many teachers – maybe on average 50% have developed capacity to teach on line – though sustained engagement of learners probably less..

• Enlarged understanding of Digital Competences – not just MS Office…also Zoom, Google/MS Education, data security. Moodle… enlarged and changing needs..

• Digital competences not just ‘competences’ – they need to be integrated into pedagogy, into curriculum, into real world of learners and connected to individual adult teachers..
<table>
<thead>
<tr>
<th>Focus of Professional Development</th>
<th>Belarus</th>
<th>Republic of Moldova</th>
<th>Turkey</th>
<th>9 country average</th>
<th>Number of responses</th>
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<tr>
<td>Knowledge and understanding in my subject field</td>
<td>33</td>
<td>52</td>
<td>27</td>
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<td>Pedagogical competencies in teaching my subject field</td>
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<td>ICT skills for teaching</td>
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<td>Teaching students with special needs</td>
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<td>New technologies in the workplace</td>
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DigCompEdu framework

DigCompEdu framework

- Provides a common reference of what it means for educators to be digitally competent
- Supports educators to assess and further develop their digital competence
- Covers all education levels
- Available in 8 languages

Progression model

AWARENESS
- A1
  - Curiosity, willingness

EXPLORATION
- A2
  - Meaningful use, variation

INTEGRATION
- B1
  - Strategy, diversification

EXPERTISE
- B2
  - Reflection, sharing

LEADERSHIP
- C1
  - Critique, renewal

INNOVATION
- C2

The “CheckIn” tool
Characteristics of the “CheckIn” tool

- Reflection questionnaire based on the DigCompEdu
- Online and open to all
- Assists educators to record their strengths and the areas they could further enhance
- Provides feedback, prompts respondents to improve their digital competence
- It’s available in 8 languages (DE, EN, ES, IT, LT, PT, RU, SI)

CHECKIN RESPONDENTS (27/9/2020)

SELFIE for teachers

- 32 items
- Grouped in Competence Areas
- 6 proficiency level statements
- Provides feedback
- Launch September 2021
ETF DIGITAL TRAINING NEEDS ANALYSIS PILOT (ALBANIA, MONTENEGRO, MOLDOVA, SERBIA AND NORTH MACEDONIA)

Aim
Building from the research on *need analysis systems* in SEE economies, the project aims to:

- **develop and pilot a self-assessment tool** for digital competences of teachers
- **analyse current CPD provision** and assess the ‘Skills gap’

How
- Survey using representative samples for self-assessment of digital competences of teachers (based on DigCompEdu)
- Collect and analyse data
  - training and support received in relation to digital competences in the last 12 months
  - areas of digital competence in need to be improved
Overall competence or proficiency – national, regional or school levels.

Mean overall proficiency score: 43.2, which falls into the integrator (B1) category
Competence by Area -

Area 1 | Area 2 | Area 3 | Area 4 | Area 5 | Area 6

C2: Pioneer
C1: Leader
B2: Expert
B1: Integrator
A2: Explorer
A1: Newcomer
Self-assessment by teachers

Analysis and planning by schools

Analysis and planning by government agencies

Analysis and planning by public and private training providers

Decisions to participate in training, assign training, assign budget, develop and provide training

SYSTEMIC USE OF NEEDS ANALYSIS
DEVELOPING DIGITAL COMPETENCES OF EDUCATORS - ACTORS

- Individual Teachers
- Informal Groups of Teachers
- Networks and Associations
- Schools
- Clusters or groups of schools
- Universities and teacher training organisations & enterprises
- EdTech Industry – national and international
- Districts, municipalities and regions
- Ministries, national agencies
- International: agencies, government bodies, partnerships, schools..
DEVELOPING DIGITAL COMPETENCES OF EDUCATORS - MODES

- National or International Frameworks or standards for digital skills
- National or International Frameworks or standards for digital pedagogical competences
- Face to Face Workshops
- On-line and Blended Workshop
- Qualifications, e.g. MS, ICDL (European Computer Driving Licence)
- Competitions and Projects, for example, to develop resources or lessons
- Prizes, e.g. most innovative digital teacher
- School-based Digital Lead Teachers
- On line support through networks and helplines
- Vendor training programmes, e.g. Google and Microsoft
- Observation and feedback, on-line..
- Self-assessment
- Specialised centres or institutes for digital professional development
QUESTION 1: WHICH OF THE FOLLOWING DO YOU USE IN YOUR COUNTRY TO SUPPORT THE DIGITAL COMPETENCES OF TEACHERS

1. National Frameworks or standards for teachers include digital skills
2. National Frameworks or standards for teachers include digital pedagogical competences
3. Face to Face Workshops
4. On-line and Blended Training Workshop
5. Qualifications, e.g. MS, ICDL (European Computer Driving Licence)
6. Funded Projects, for example, to develop resources or lessons
7. Competitions or Prizes, e.g. most innovative digital teacher
8. School-based Digital Lead Teachers
9. On line support through networks and helplines
10. Vendor training programmes, e.g. Google and Microsoft
11. Observation and feedback,
12. Self-review
13. Specialist schools with a professional development responsibility
Question 2: What can teachers do about the fact that only a very small minority of IT professionals are female? (typically 20%)
QUESTION 3: HOW DO YOU FIND OUT ABOUT THE TRAINING NEEDS OF TEACHERS IN RELATION TO DIGITAL COMPETENCES IN YOUR COUNTRY?
THANK YOU

Further information
ETF FACTSHEETS
MOLDAVA