Framework on teachers’ competencies for teaching with technology in higher education

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Research consortium
Methodology

- Literature review
- Comparison of existing framework
  - iXperium CoE Competence Framework for Teaching and Learning with ICT
  - DigcompEdu (and DigComp2.1)
  - UK Digital Teaching Professional Framework
  - ISTE Standard for Educators
  - JISC (Teacher Profile Higher Education)
  - UNESCO
- Sessions with experts and policy makers
- Validation sessions with educational professionals
Designing, implementing and evaluating education

1. Designing and implementing digital education
2. Facilitating and monitoring learning
3. Evaluating and modifying education
Empowering students for a digital society

1. Digital literacy for living, learning and working
2. Digital literacy for the profession/discipline
Teachers’ professional conduct

1. The learning professional
2. Innovation with IT
3. Communication and collaboration
Teachers’ digital literacy

1. Basic IT competences
2. Information, data and media literacy
3. Computational thinking
Designing, implementing and evaluating education

Empowering students for a digital society

Digital literacy for lecturers

Professional conduct as a lecturer

- Designing and implementing innovative education with IT
- Facilitating and monitoring learning
- Evaluating and modifying education

- Digital literacy for living, learning and working
- Digital literacy for the profession/discipline

- Basic IT competences
- Information, data and media literacy
- Computational thinking

- The learning professional
- Innovation with IT
- Communication and collaboration
How to use

- Strategic level: choices to make

Diagram:
- Individual
- Top-down
- Bottom-up
- Collective
How to use

• Strategic level: choices to make
• Competence game
• Curriculum: teacher education
• Behavioral indicators / examples
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Framework – English version
https://edu.nl/apf4e

Framework – Dutch version
https://edu.nl/wnhvc