iXPERIUM
CENTRE OF EXPERTISE

Digital literacy

Competences for pedagogical and educational use of technology

Teaching *with* ICT
Teaching *about* ICT

Competences for innovation and professional learning

Beliefs about teaching and learning

What is the current state of teaching with ICT and teaching about ICT and the development of competences for learning and teaching with ICT among vocational education teachers?

"ICT does not yet have a structural place in vocational education. Most teachers do not possess the competences required to teach with or about ICT."

Workshop 'bridging the research practice-gap with dashboard results gap'
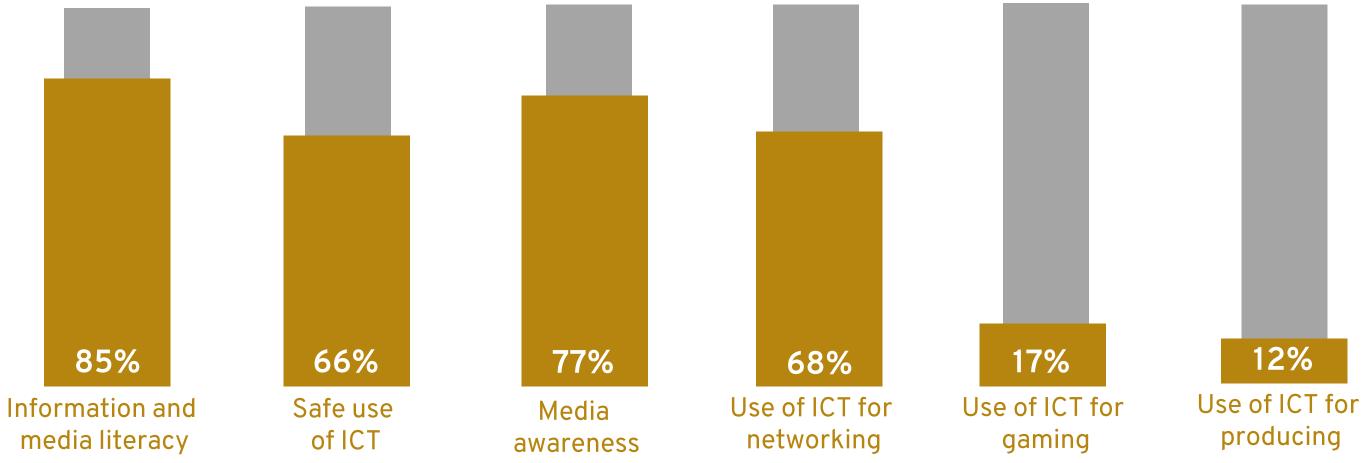(November 24th, Session J:10, meeting room 1)

MONITOR TEACHING AND LEARNING WITH ICT | RESULTS 2022

32 schools, 6.133 teachers, 38% response rate

Teaching *with* ICT (at least regularly)

Use of innovative ICT applications	Use of ICT to differentiate	Use of data on learning behaviour and outcomes	Use of ICT to support students' agency	Online educational activities	use of ICT in internship guidance
38%	55%	27%	32%	53%	24%

Teaching *about* ICT (at least regularly)

Instrumental ICT skills	Information literacy	Media literacy
34%	62%	39%

Competences for pedagogical and educational use of ICT (at least advanced)

Pedagogical use of ICT	Differentiating with ICT	Creative use of ICT	Designing blended learning
45%	28%	33%	40%

Competences for innovation and professional learning (at least regularly)

Experimenting and sharing with ICT	Up to date with relevant developments
22%	37%

Beliefs about teaching and learning (at least agree)

Added value of ICT	Student centered vision
79%	65%

Digital literacy (at least advanced / regularly)

Information and media literacy	Safe use of ICT	Media awareness	Use of ICT for networking	Use of ICT for gaming	Use of ICT for producing
85%	66%	77%	68%	17%	12%

Participation in professional development in the past 3 years

No
Yes
1 type
2 types
>= 3 types

- Short-term training
- Development day
- iCoach/digicoach
- learning community
- Long-term training
- Multi-day conventions