Evoluție ca savant digital
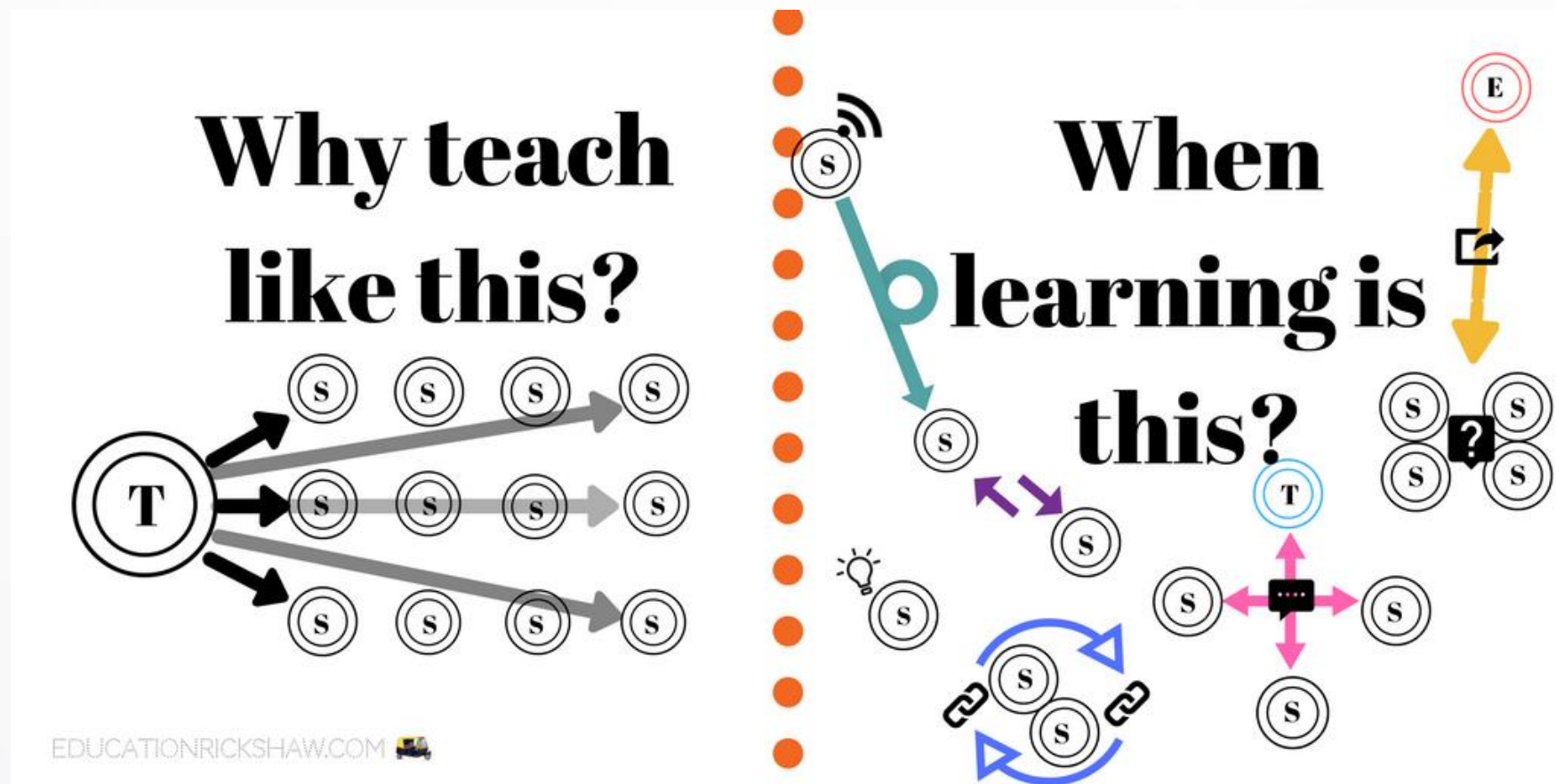## *Competențe digitale pentru predarea și cercetarea într-o lume digital*
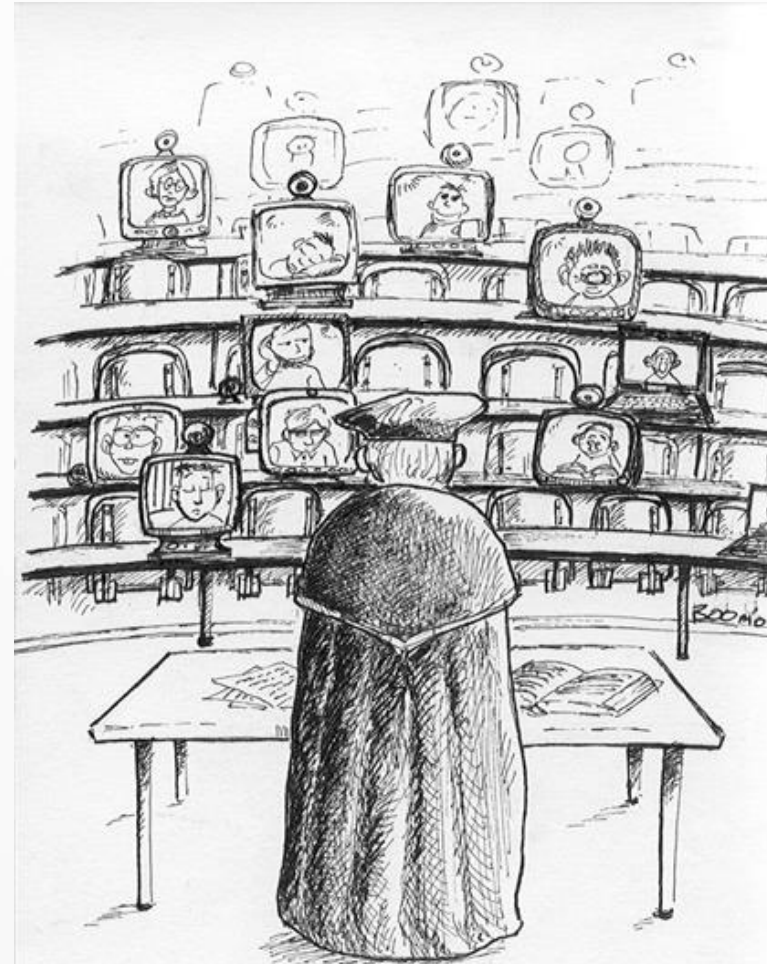
Evolving as a Digital Scholar
Digital competences for teaching and researching in a digital world

Wim Van Petegem,

KU Leuven (Belgium)

Teaching and learning in the 21st century

#6 03 dec 2021 | Workshop
Competențe digitale | Digital Skills for
pentru educaţie și cultură | Education & Culture

#6 03 dec 2021 | Workshop

Competențe digitale | Digital Skills for
pentru educație și cultură | Education & Culture

Co-funded by the
Erasmus+ Programme
of the European Union

New ways of teaching and learning?

#6 03 dec **2021** | **Workshop**
Competenţe digitale | **Digital Skills for**
pentru educaţie și cultură | **Education & Culture**

New ways of teaching and learning?

© Joris Snaet, KU Leuven

#6   03 dec 2021 | Workshop
Competenţe digitale | Digital Skills for
pentru educaţie și cultură | Education & Culture
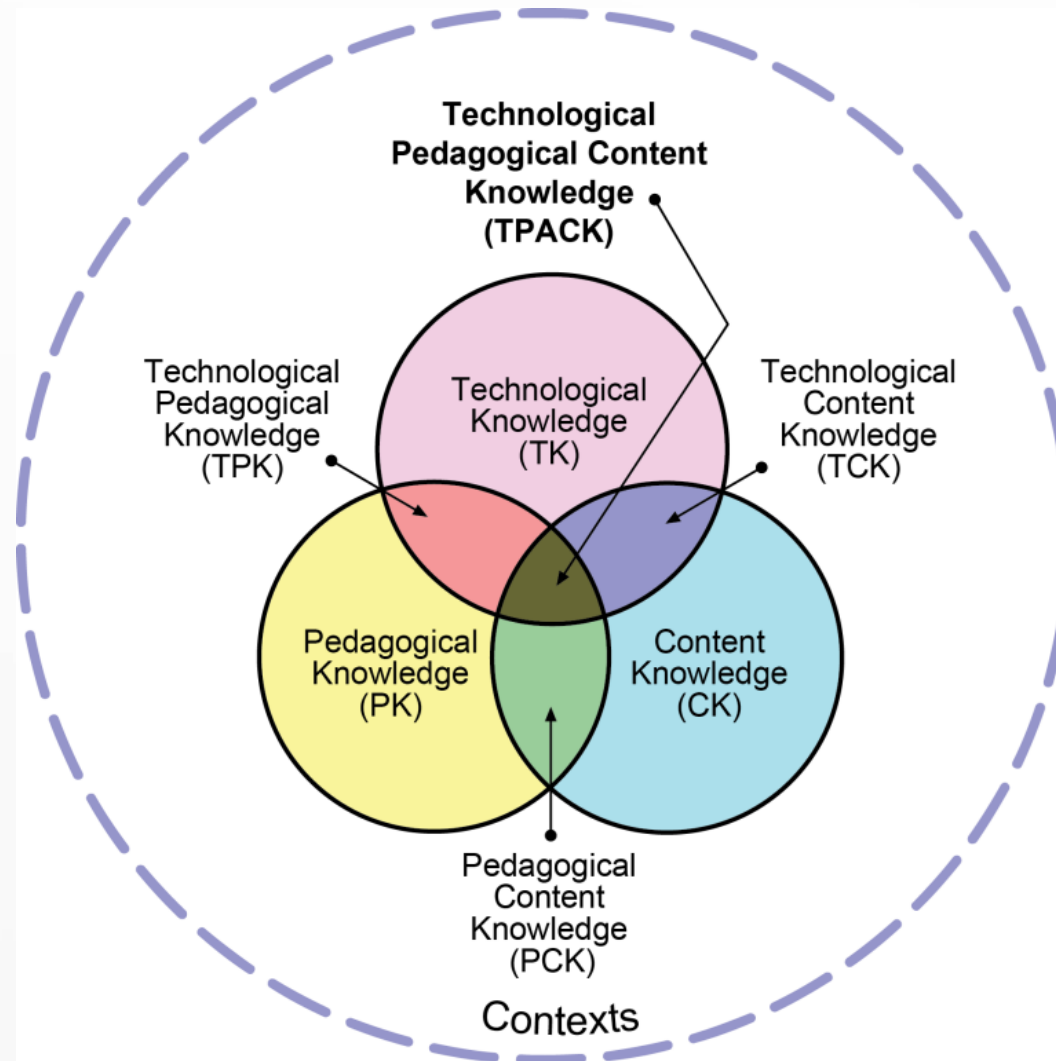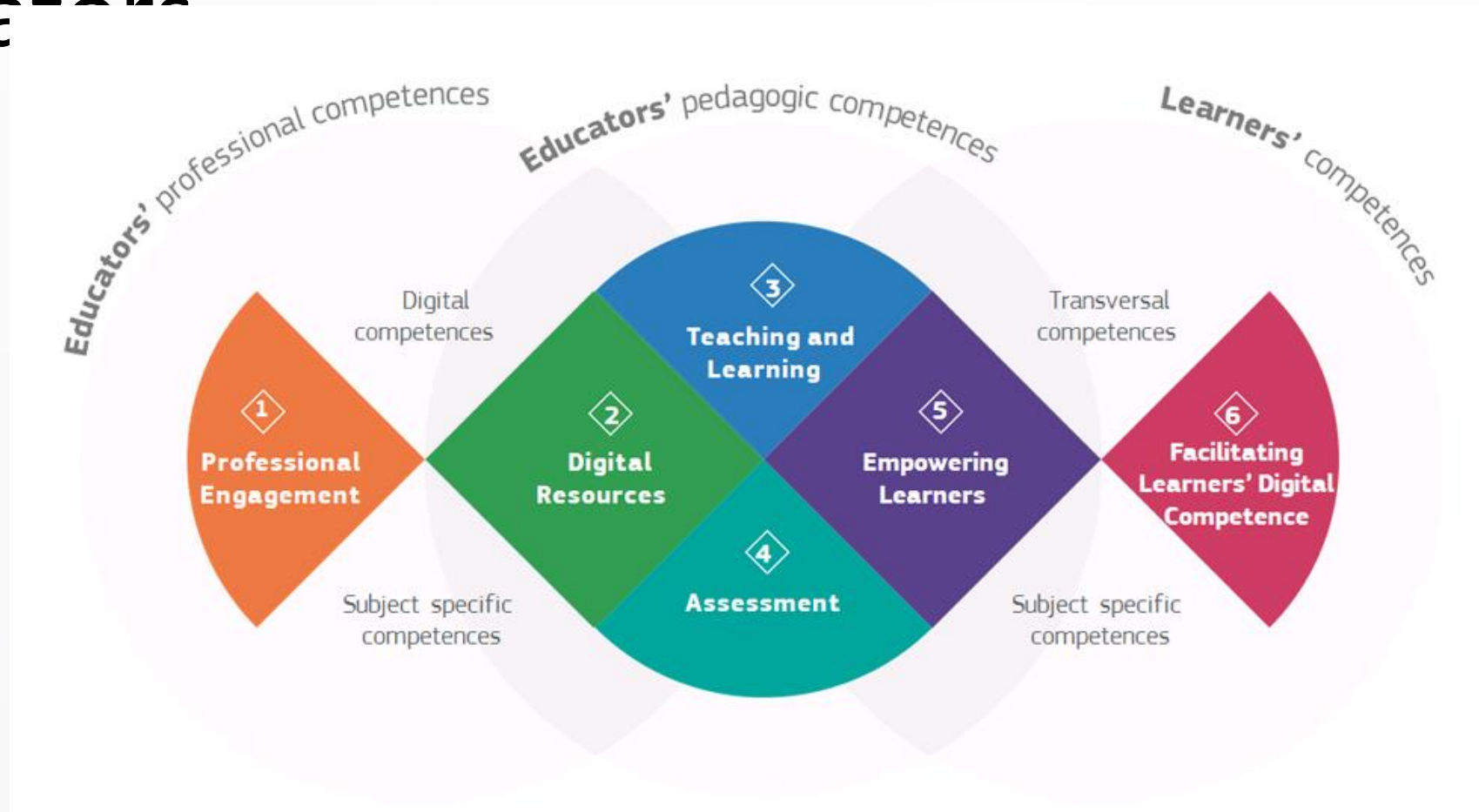
Two worlds in one
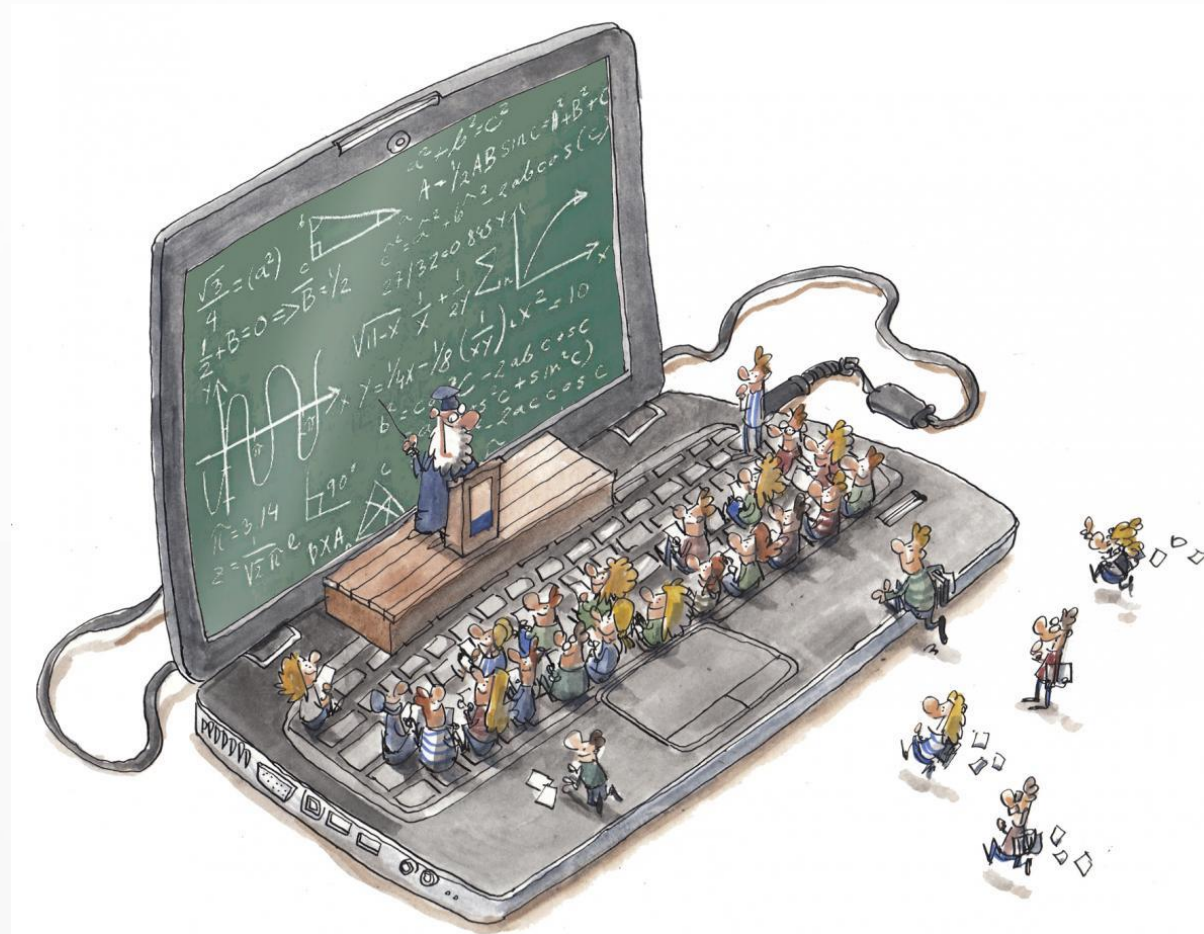
© Joris Snaet, KU Leuven

TPACK

Reproduced by permission of the publisher, © 2012 by tpack.org

Digital Competence Framework for Educators

https://ec.europa.eu/jrc/en/digcompedu

#6   **03 dec 2021** | **Workshop**

Competenţe digitale | **Digital Skills for**
pentru educaţie și cultură | **Education & Culture**

Co-funded by the
Erasmus+ Programme
of the European Union

The Digital Scholar Framework

Wim van Petegem & JP Bosman 2017

#6 03 dec 2021 | Workshop
Competenţe digitale | Digital Skills for
pentru educaţie și cultură | Education & Culture
Co-funded by the
Creative Programme
of the European Union
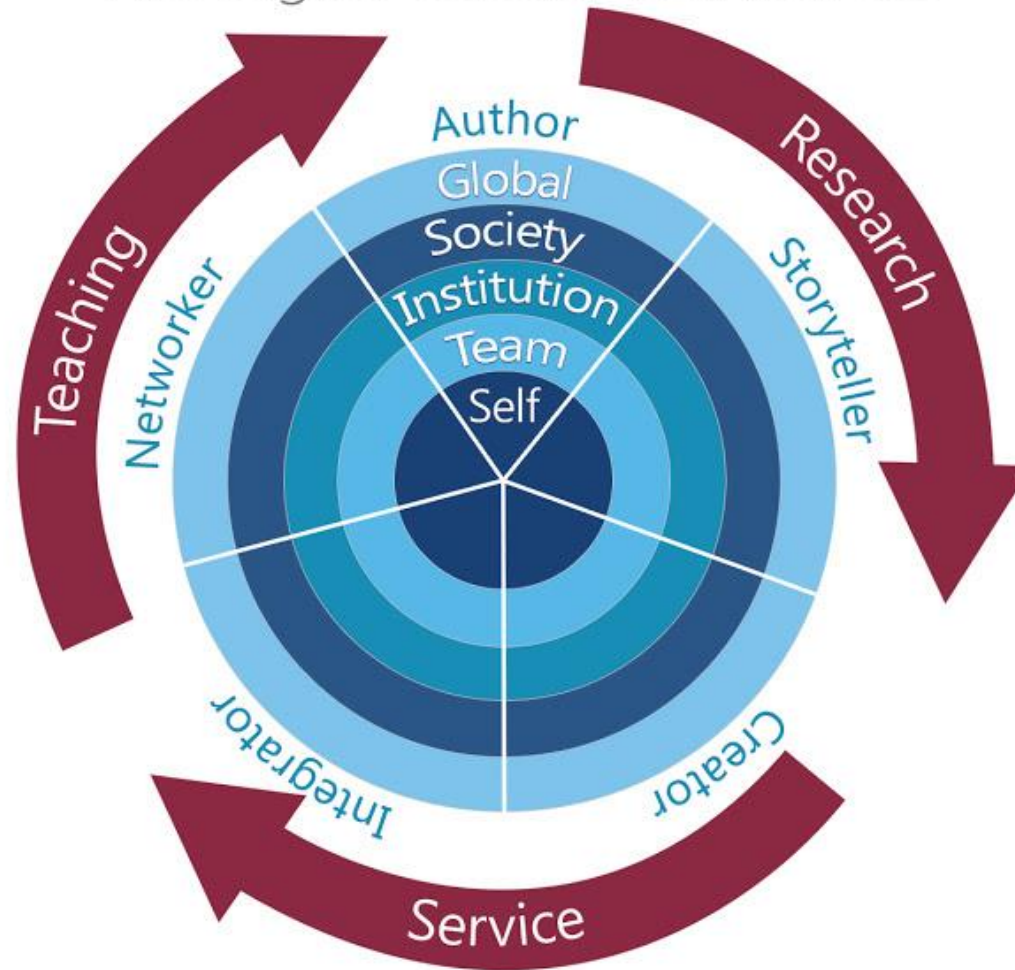
#bitesizePD

Bloom's Digital Taxonomy

FRACTUS LEARNING

Bloom's taxonomy	Bloom's modified taxonomy	Bloom's extended digital taxonomy	Functional Levels	Activities with digital tools	
		Sharing	Publicly sharing, publishing, broadcasting	Contributing to open social networks, publishing, broadcasting, networking	Higher Order Thinking Skills
Evaluation	Creating	Creating	Designing, constructing, planning, producing, inventing, devising, making	Programming, filming, animating, blogging, video blogging, mixing, re-mixing, wiki-ing, videocasting, podcasting, directing	
Synthesis	Evaluating	Evaluating	Checking, hypothesising, critiquing, experimenting, judging, testing, detecting, monitoring	Blog commenting, reviewing, posting, moderating, collaborating, refactoring, testing	
Analysis	Analyzing	Conceptualizing	Comparing, organising, deconstructing, attributing, outlining, finding, structuring, integrating	Hacking, mashing, linking, validating, reverse engineering, cracking	
Application	Applying	Applying	Implementing, carrying out, using, executing	Running, loading, playing, operating, uploading, sharing with group, editing	
Comprehension	Understanding	Connecting	Interpreting, summarizing, inferring, paraphrasing, classifying, comparing, explaining, exemplifying	Boolean searches, advanced searches, blog journaling, tweeting, categorizing, tagging, commenting, annotating, subscribing	
Knowledge	Remembering	Doing	Recognizing, listing, describing, identifying, retrieving, naming, locating, finding	Bullet pointing, highlighting, bookmarking, group networking, shared bookmarking, searching	Lower Order Thinking Skills

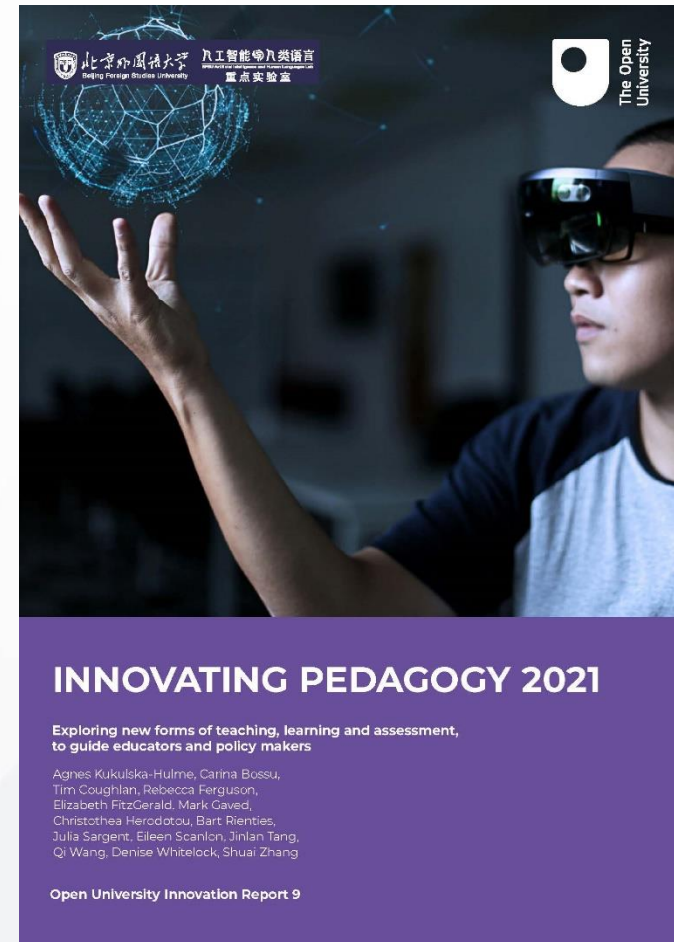https://www.fractuslearning.com/blooms-taxonomy-digital-print-table/

#6 03 dec 2021 | Workshop

Co-funded by the
Erasmus+ Programme
of the European Union

Competenţe digitale | Digital Skills for
pentru educaţie și cultură | Education & Culture

EDUCAUSE Horizon Report
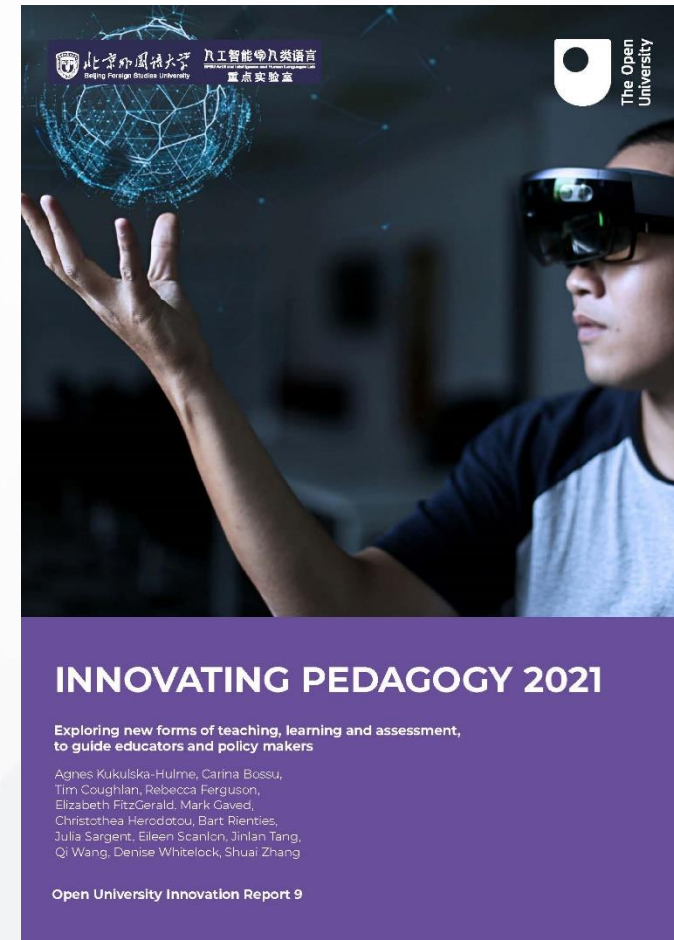
Innovating Pedagogy 2021

- **Best learning moments**
  - Positive mental states for enjoyable and effective learning

- **Enriched realities**
  - Extending learning with AR/VR

- **Gratitude as a pedagogy**
  - Reflecting on attitude to improve wellbeing and learning

- **Using chatbots in learning**
  - Using educational dialogues to improve learning efficiency

- **Equity-oriented pedagogy**
  - Finding fairer ways to improve learning for all

- …

INNOVATING PEDAGOGY 2021

Exploring new forms of teaching, learning and assessment,
to guide educators and policy makers

Agnes Kukulska-Hulme, Carina Bossu,
Tim Coughlan, Rebecca Ferguson,
Elizabeth FitzGerald, Mark Gaved,
Christothea Herodotou, Bart Rienties,
Julia Sargent, Eileen Scanlon, Jinlan Tang,
Qi Wang, Denise Whitelock, Shuai Zhang

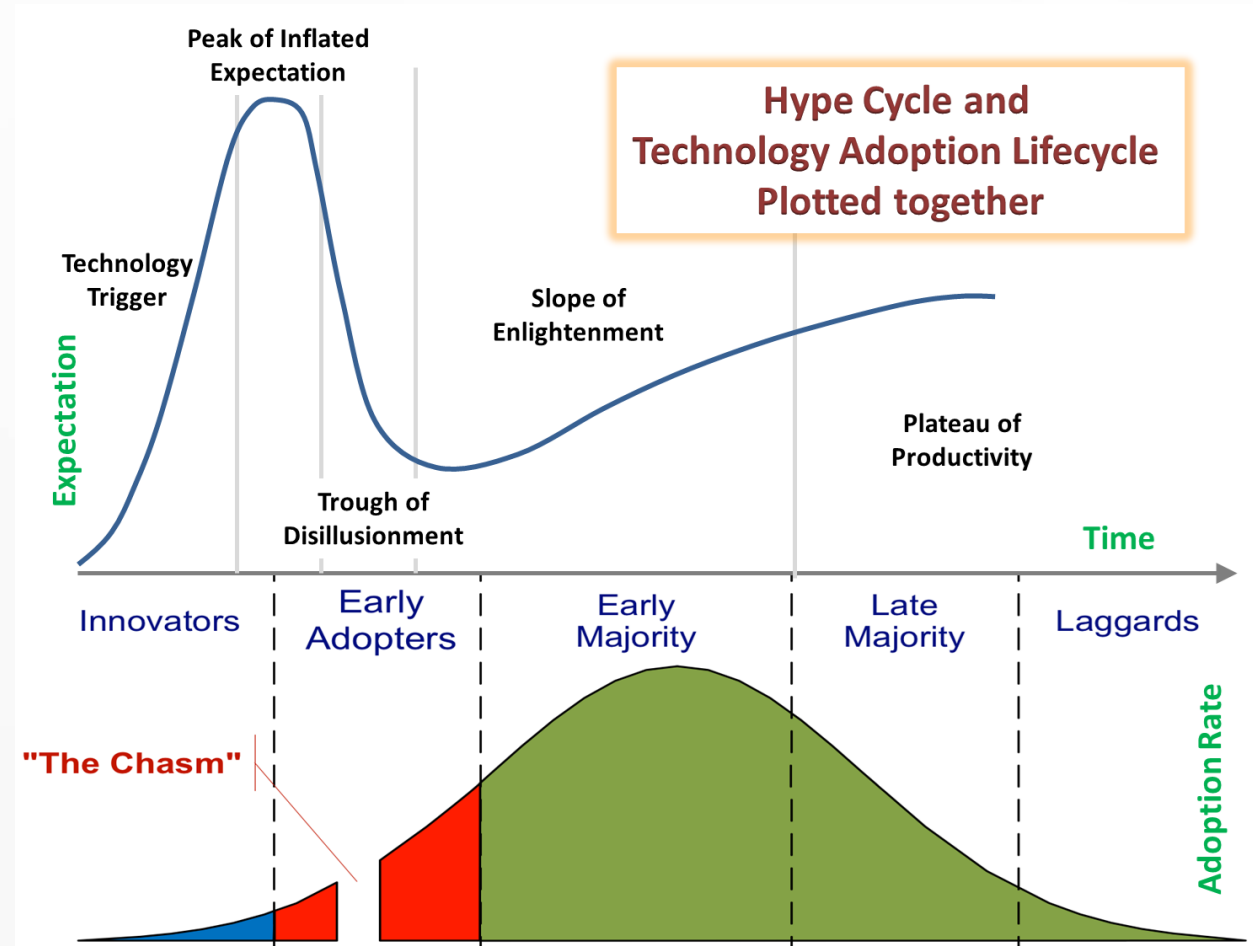**Open University Innovation Report 9**

Innovating Pedagogy 2021

- **…**
- **Hip-hop based education**
  - Culturally relevant learning through hip-hop
- **Student co-created teaching and learning**
  - Teachers and students creating materials and curricula
- **Telecollaboration for language learning**
  - Using communication tools for collaborative language learning
- **Evidence-based teaching**
  - Using evidence from research to inform teaching
- **Corpus-based pedagogy**
  - Using authentic language data to support language teaching and learning

INNOVATING PEDAGOGY 2021

Exploring new forms of teaching, learning and assessment, to guide educators and policy makers

Agnes Kukulska-Hulme, Carina Bossu,
Tim Coughlan, Rebecca Ferguson,
Elizabeth FitzGerald, Mark Gaved,
Christothea Herodotou, Bart Rienties,
Julia Sargent, Eileen Scanlon, Jinlan Tang,
Qi Wang, Denise Whitelock, Shuai Zhang

Open University Innovation Report 9

Technology Adoption Lifecycle

#6   03 dec 2021 | Workshop

Competenţe digitale | Digital Skills for
pentru educaţie și cultură | Education & Culture

Co-funded by the
Erasmus+ Programme
of the European Union

Go DIGITAL!

- **D**are! Don't wait, don't hesitate, take your chance, don't have cold feet, jump or dive in the deep, take the risk, be adventurous, go for it!

- **I**gnite! Start right away, enlighten your environment, inspire your peers, encourage colleagues, instigate new ideas, light up the fire!

- **G**row! Broaden your scope, raise to the top, push the limits, expand across borders, mature and become wiser, increase your impact!

- **I**nteract! Don't hide, network with partners, build a community, participate and communicate, connect with like-minded people, cherish relationships!

- **T**ry! Experiment and explore new things, practice, give it a chance, don't give up, back off to better blow up, don't reinvent the wheel!

- **A**ppeal! Fascinate, attract, charm, please, invite, engage, be stunning, show your best (digital) side!

- **L**earn! Treasure your successes, turn mistakes into learning opportunities, stand on the shoulders of giants, integrate new knowledge, be wise, keep smiling!

Teachers and researchers need to develop or grow in their competences to adapt to the quick changes and demands of our digital society.

Wim Van Petegem, JP Bosman,
Miné De Klerk, and Sonja Strydom

https://lup.be/products/139097

#6 03 dec **2021** | **Workshop**
Competenţe digitale | **Digital Skills for**
pentru educaţie şi cultură | **Education & Culture**

Questions? Suggestions?

Info

Prof.dr.ir. Wim Van Petegem

Faculty of Engineering Technology

KU Leuven

W. De Croylaan 56, B-3001 Heverlee (Belgium)

T: +32-16-32.78.13

M: +32-477-77.22.86

E: wim.vanpetegem@kuleuven.be

L: http://be.linkedin.com/in/wimvanpetegem