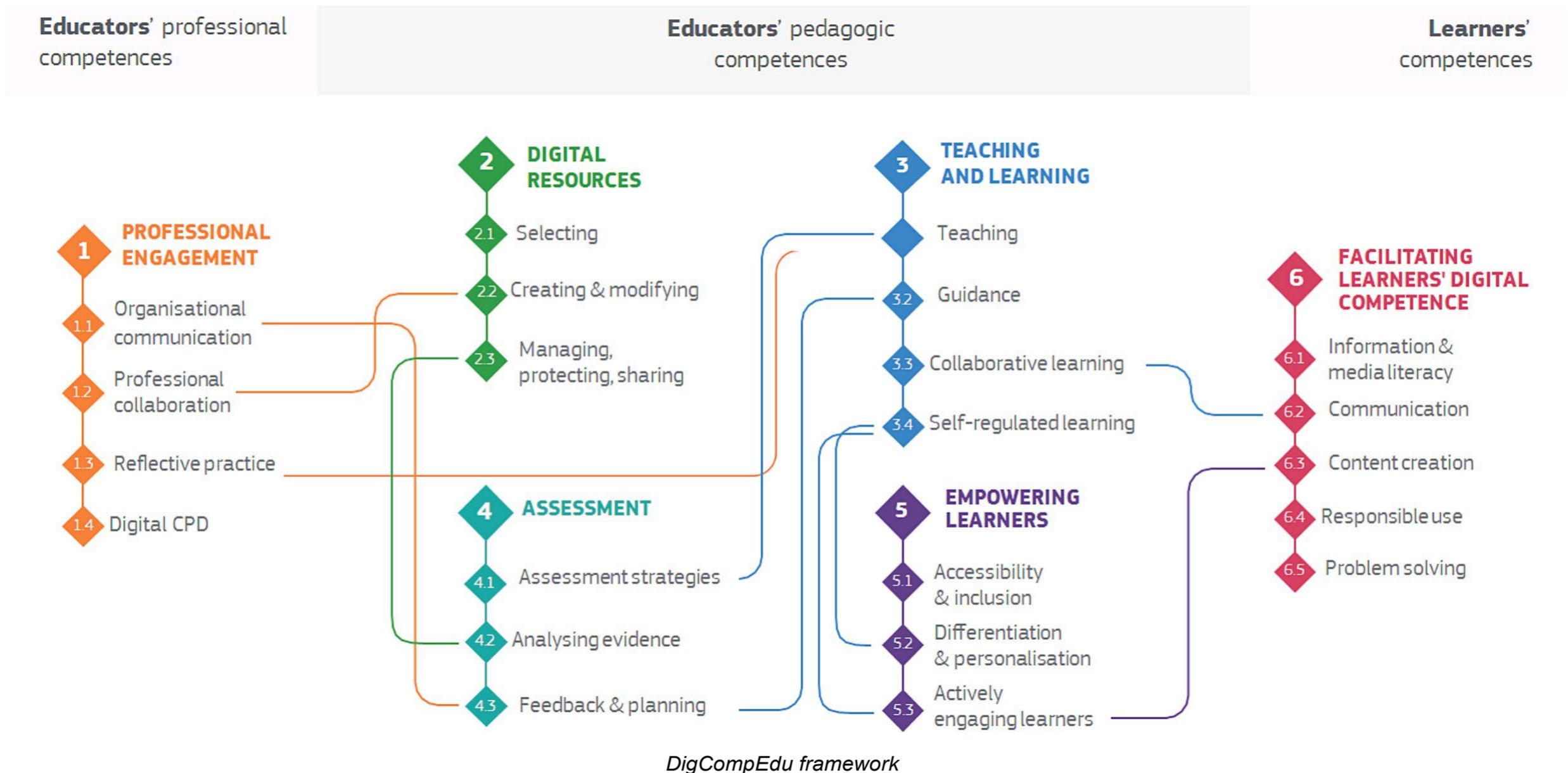


Academic Practice

# MAPPING DIGITAL TECHNOLOGIES WITH DIGCOMPEDU COMPETENCES

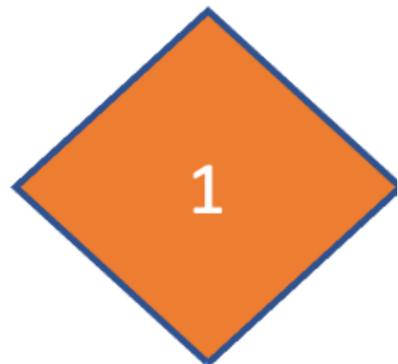
Trinity College Dublin





'...The teaching professions face rapidly changing demands, which require a new, broader and more sophisticated set of competences than before. The ubiquity of digital devices and applications, in particular, requires educators to develop their digital competence. The European Framework for the Digital Competence of

Educators (DigCompEdu) is a scientifically sound framework describing what it means for educators to be digitally competent. It provides a general reference frame to support the development of educator-specific digital competences in Europe'. <https://ec.europa.eu/jrc/en/digcompedu>



**Professional engagement**



\* Not supported by TCD IT Services



**Organisational Communications**

**External comms**

- Email
- Social media
- Webpages

**Internal comms**

- Email
- Social media
- Instant messaging
- Webpages



**Professional collaborations**

**Collaborative hubs**

- Microsoft Teams
- \* Slack

**Digital Canvases**

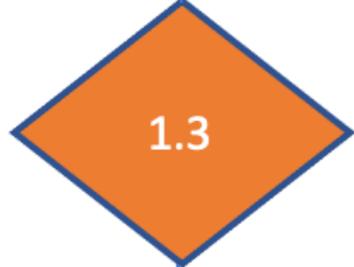
- \* Miro
- \* Padlet

**Social media**

- Blogs
- Google groups
- \* Discord
- Mailing lists
- Twitter

**Communities of practice**

- ALT
- EDTL
- Institutional



**Reflective practice**

**Digital Canvases**

- \* Kanban
- \* Trello

**ePortfolios**

- Blogs
- Digital journals

**Audio/visual creation tools**

- Panopto



**Digital CPD**

**Continuing Professional Development**

- DigCompEdu self-assessment tool
- Informal non-accredited (eg: institutional support resources and support forums)
- Non-formal, non-accredited (eg: searching the web for knowledge)
- Non-formal, structured (eg: workshops on digital education, short-courses, MOOCS)

2

Digital resources



\* Not supported by TCD IT Services

2.1

Selecting

Open educational resources

- Creative Commons search
- Openly licensed content - <https://open.teachingandlearning.ie/>
- Webpages

Copyright/Accessibility

- <https://www.ahead.ie/education>
- Institutional library e-resources

2.2

Creating & Modifying

Interactive multi-media

- \* H5P
- \* Articulate Rise
- \* Articulate Storyline

Textbook authoring

- \* Manifold
- \* Apple Pages

Cloud storage services

- Documents
- Panopto recordings

2.3

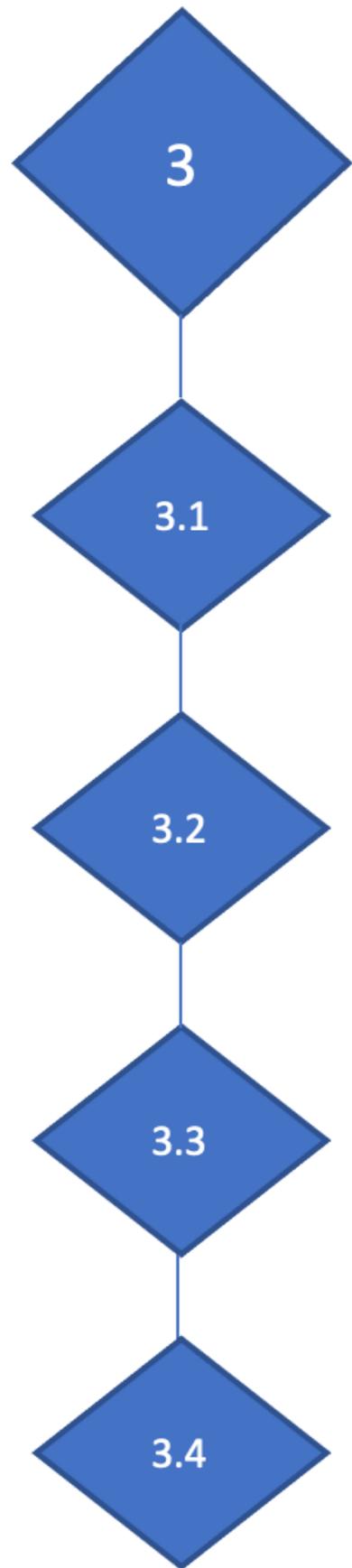
Managing, protecting & sharing

Cloud storage services

- OneDrive
- Google Drive
- Dropbox
- VLE
- Institutional websites

Content hubs

- Merlot
- Openstacks
- Text books
- <https://www.oercommons.org/authoring-overview>



Teaching & learning

Instruction

Teacher-learner interactions

Learner collaboration

Self-directed learning



- *Diverse multi-media formats (audio, visual, interactive)*
- *Managing engagement*
- *Managing analytics*
- *Learning design (eg: flipping the classroom)*

\* Not supported by TCD IT Services

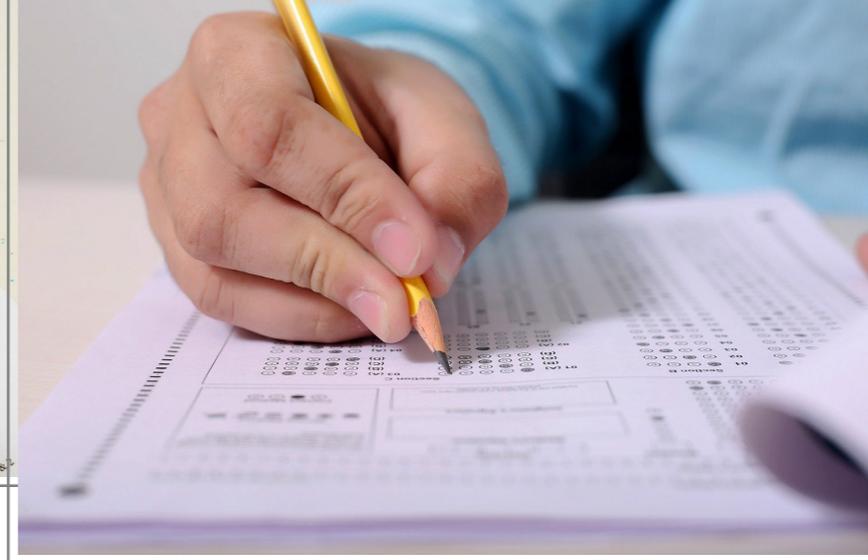
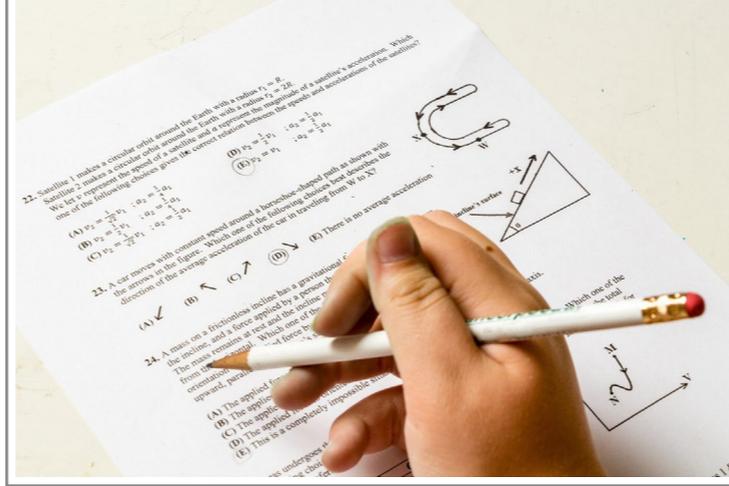
- 
- *VLE*
  - *Virtual office hours*
  - *Email*
  - *Drop-in clinics*

- 
- *Cloud platforms (documents)*
  - *Digital canvases (\* Padlet)*
  - *Blogs, Journals, Portfolios, Wikis*

- 
- *\* Notion - <https://www.notion.so/>*
  - *Google keep (notes)*

4

Assessment



\* Not supported by TCD IT Services

4.1

Assessment strategies

- Quizzes
- MCQ's
- Blogs, Journals, Portfolios
- Video/Audio assessment
- Open-book assessment

4.2

Analysing evidence

- 
- VLE analysis
  - Spreadsheet analysis
  - Turnitin
  - MCQ analysis
- 

4.3

Feedback & planning

- Cloud platforms assignment tools (audio feedback)
- VLE (audio feedback)

5

Empowering learners



\* Not supported by TCD IT Services

5.1

Accessibility & inclusion

- Built in accessibility checkers (MS Office)
- Plugin checkers
- Institutional software (\* Blackboard Ally)
- Captioning options (AI solutions Powerpoint)
- Open-book assessment
- \* Texthelp, \* Dragon, \* NVDA

5.2

Differentiation & personalisation

- Gamified interactive learning activities (\* H5P, \* Storyline, Captivate)
- VLE gated progression tools
- Branching learning objects (\* Moodle Lesson, \* H5P, \* Articulate storyline etc)

5.3

Actively engaging learners

- Student engagement - voting/polling tools (\* Vevox, \* Wooclap, Turning Point, Collaborate ultra polling)

6

Facilitating learners digital competence

6.1

Information and media literacy

6.2

Communication

6.3

Content creation

6.4

Responsible use

6.5

Problem solving



- Referencing managers (\* Zotero, Endnote)
- Institutional library resources (search strategies)
- Cloud storage systems

\* Not supported by TCD IT Services

- 
- Blogs
  - ePortfolios
  - Domain of one's own

- 
- Wikipedia editing & article creation
  - Student created OER's
  - Multimedia (audio, video)
  - \* Notion, Google keep (notes)

- 
- Limited screen time tools (\* Pomodoro)
  - VLE student-facing analytic dashboards
  - Apple screen-time apps
  - Microsoft Windows screen-time settings

- 
- Video tutorials
  - LinkedIn Learning
  - Product support websites (Google learning centre, Microsoft 365 training, Apple communities)

Academic Practice at Trinity ([Trinity Teaching & Learning](#)) strengthens and advances excellence in teaching and learning. We are committed to enhancing student learning through the development and facilitation of research-led approaches to teaching in higher education.

For more information, please visit [www.tcd.ie/academicpractice](http://www.tcd.ie/academicpractice)

