Digital capabilities for a changing world

Helen Beetham, Sarah Knight, Ed Robinson | *CAN 2018*

Welcome and icebreaker

- *Your digital super-power*
  - What one digital thing are you really good at? What do your friends ask you to help them with? What do you do with pride?
  - Write this on a post-it note and stick it to yourself
  - Turn to your neighbours and introduce yourself: share your digital super-power

Reflect and share

- What digital skills do we all need?
- What digital skill would you most like to develop?
- Share on the padlet: http://bit.ly/2F1qzNU
- Or just check our #CAN18 tweets!

Why do digital skills matter?

- …

Why do digital skills matter?

- Graduate work is being transformed by digital technologies and data (IPPR 2017: *Managing automation*)
- Only 50% HE students say their course prepares them for digital work (Jisc 2017: *Finding from the Digital student experience tracker*)
- 72% of large firms are struggling to recruit workers with digital skills (ECORYS UK 2016: *Digital Skills for the UK Economy*)
- Young people in the UK are less digitally literate than in many OECD countries (OECD 2016: *Survey of Adult Skills*).

Resource

ECDL intermediate modules

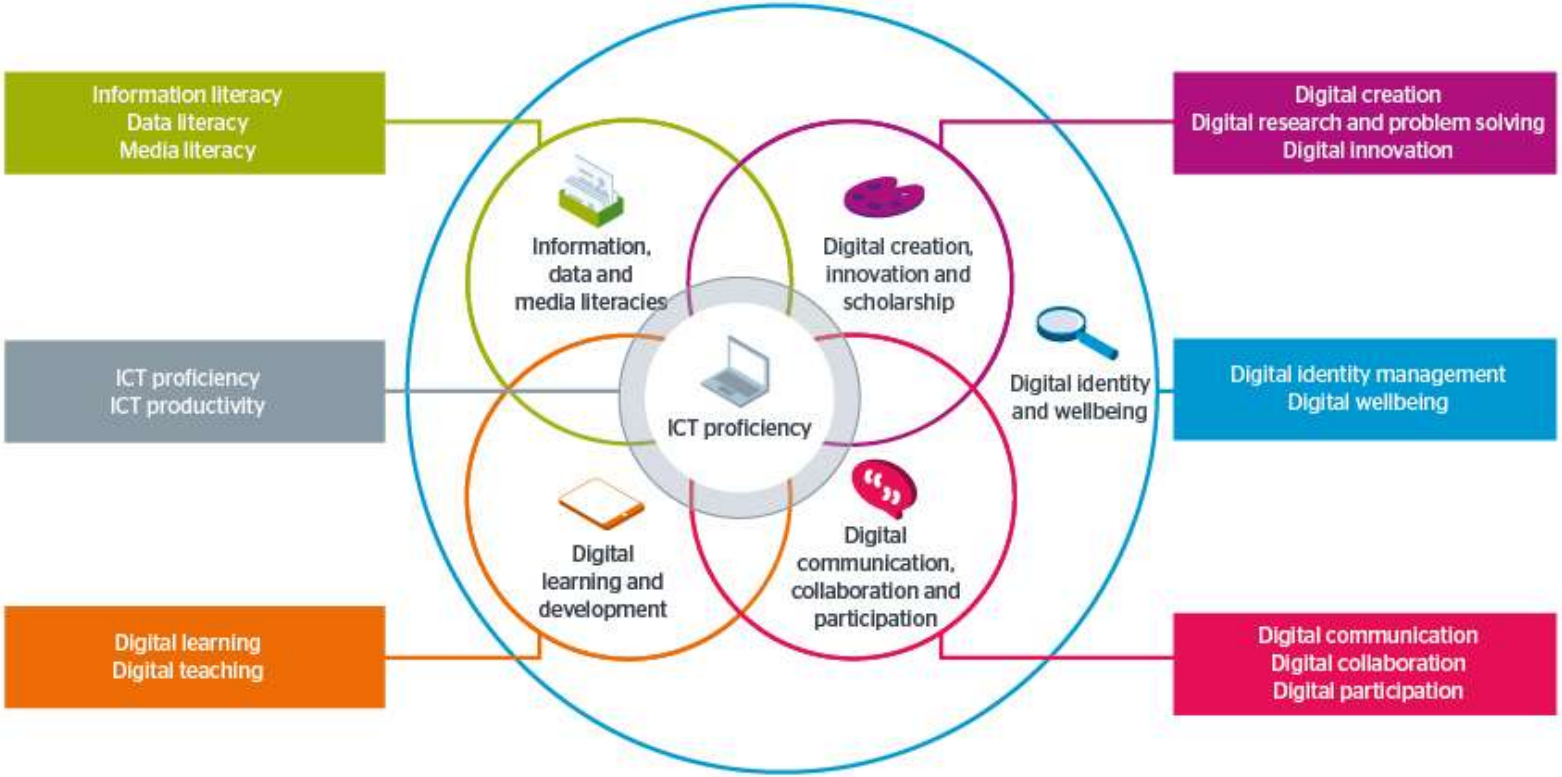
Certified learning modules offered by the ECDL covering a wide range of Intermediate modules

Resource

It's a question of style

Jisc blog post on using styles in tools like word processing and presentation software.

The six-elements of digital capability



http://ji.sc/building-digicap

What is the *Digital discovery tool*?

It is:

- A self-administered quiz about digital practices in education
- Designed to give useful feedback including 'next steps' and links to resources
- Reflective, informative and developmental
- A pilot (not finished yet!)

It is not:

- An objective measure of digital competence or performance
- A complete learning resource or course of study
- Validated and proven in practice (we are still learning!)

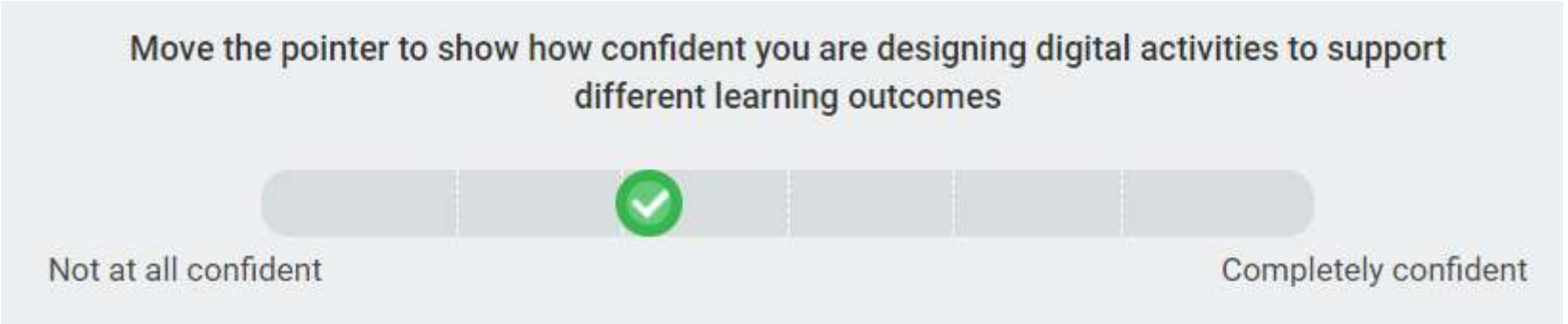
How are we developing it?

- User testing with students in HE/FE
- Open pilot (Over 30 organisations piloting April – May 18)
- New platform from potentially: already used by many students
- Generic assessment for students: separate assessments for teaching staff, researchers, library staff etc
- Resources to support development and discovery

Using the Digital discovery tool

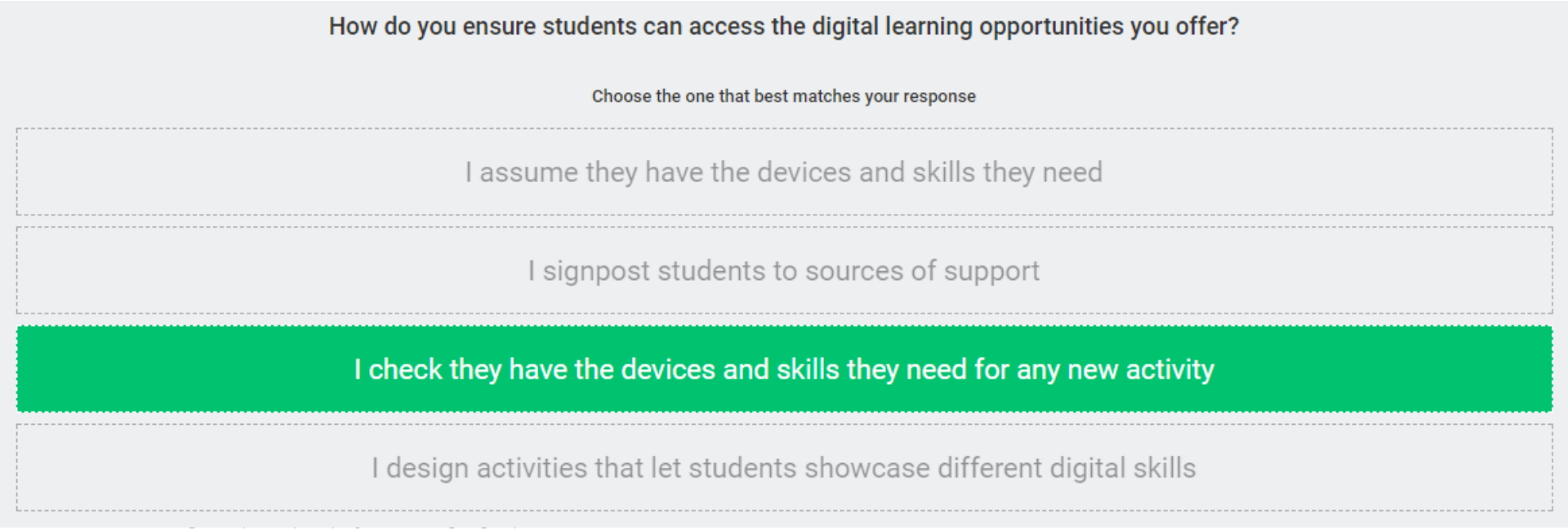
Three question types

Confidence: rate your confidence with a digital practice



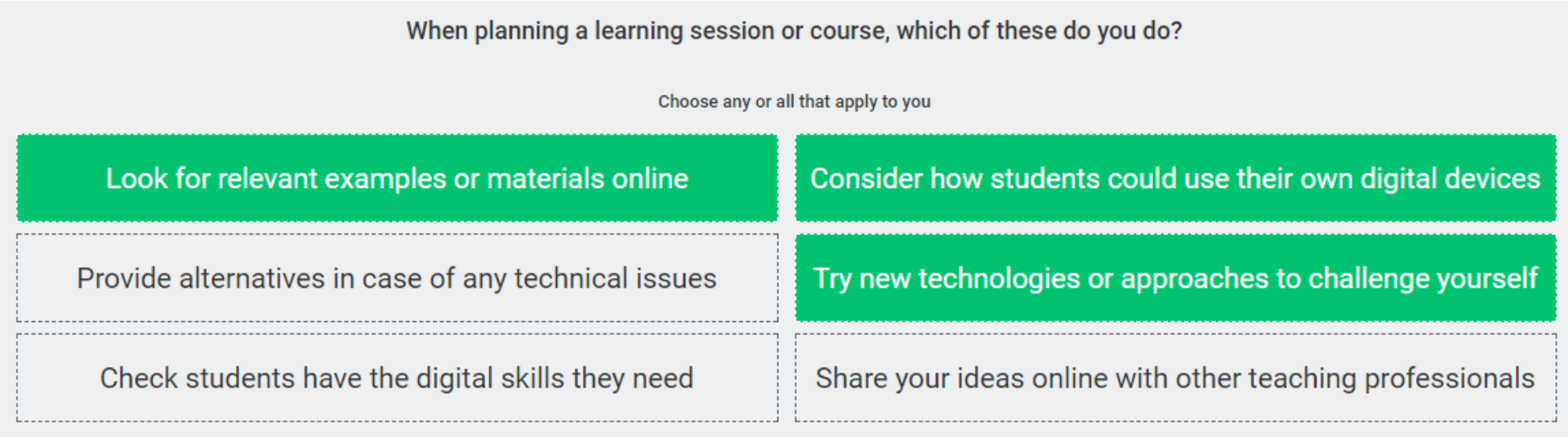
Three question types

Depth: select the one response out of four that best describes your approach to a digital task



Three question types

Breadth: select all the digital activities you do, from a grid of six



Feedback for every element:

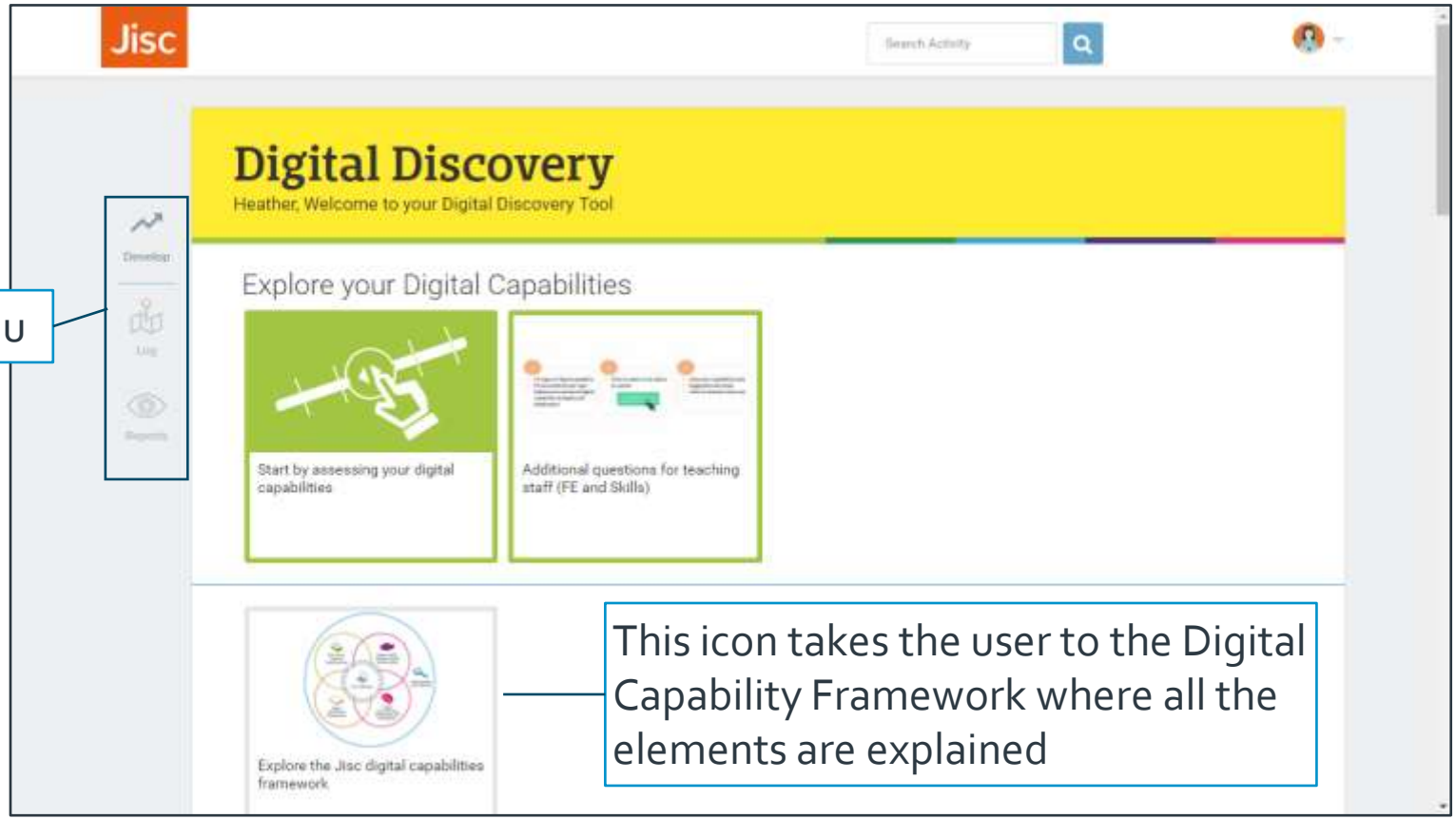
Level: developing | capable | proficient

Score: how you assessed yourself to achieve this level

Next steps: what people at this level can try to develop further

Resources: links to selected resources for further exploration

Navigating the dashboard



Navigating the report

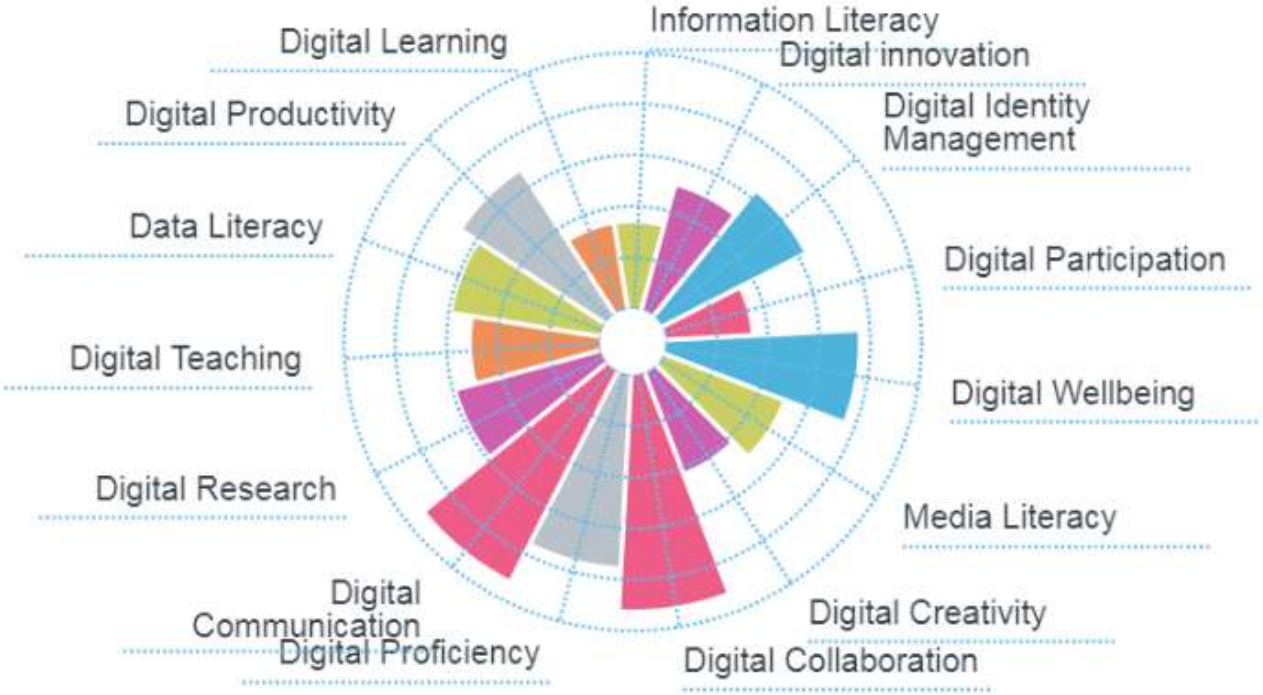
Report navigation

PDF download

Introduction to your report

Visualisation

- Digital Proficiency
- Digital Productivity
- Information Literacy
- Media Literacy
- Data Literacy



Report detail

Digital Creation

Digital creation is a term we use to cover all kinds of digital production, from coding new apps to making digital images and web sites. Digital creatives have special techniques of digital production, but we all create digital artefacts as a side effect of thinking and participating in a digital world. Mind maps, digital sketches, facebook pages, even selfies can be seen as expressions of digital creativity.

Your confidence level: Capable

You have a solid foundation and can build on this by sharing digital practices with colleagues – especially those with more expertise than you – and by looking out for workshops and online opportunities. If digital creativity is important in your job role, consider taking an accredited course to boost your expertise.

Next steps

- Take every opportunity to design digital materials to present or communicate about your work.
- Take an online course to develop a new digital talent or learn new creative software.
- Try one of the following: sketch with stylus and tablet; create a complex infographic or data visualisation; write an app; use advanced effects in photo editing; use cascading style sheets to format a web page; create a how-to video.
- You could join others who commit to sharing a digital photograph every day for a month. There are several online sites that encourage you to do this.
- Or if you are more text-minded, you could commit to write 500 words a day, whether on a blog or in a private digital journal.

Recommended resources

We recommend following resources

Sub-element definition

What your rating level means.

Suggested next steps that you can take

Report detail (suggested resources)

Recommended resources

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Resource

Focus on data literacies and ICT proficiences

Jisc blog post on data literacies and ICT proficiency: the importance of digital capabilities

Try it now!

Logging in

https://jisc.potential.ly/and use the code LDC18!

Or follow the links on the padlet

Discussion

- What works?
- How do you think it could/should be used with students?
- How could it be better?

Please use the feedback form you can access from the padlet

http://bit.ly/2F1qzNU

What one thing are you going to take away from this session?

Who are you going to share this with?

Tweet #CAN18 #digitalcapability

What one thing?

Find out more

- See project blog for updates on new developments & guidance for pilots: www.bit.ly/digidiscoveryguide
- Visit project page http://ji.sc/building-digicap
- Email the project team at: digitalcapability@jisc.ac.uk
- Follow **#digitalcapability** on Twitter