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

10/01/18
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*).
The six-elements of digital capability

- Information literacy
  - Data literacy
  - Media literacy
- ICT proficiency
  - ICT productivity
- Digital learning
  - Digital teaching
- Digital learning and development
- Digital communication, collaboration and participation
- Digital creation, innovation and scholarship
- Digital identity and wellbeing
- Digital identity management
  - Digital wellbeing
- Digital creation
  - Digital research and problem solving
  - Digital innovation
- Digital communication
  - Digital collaboration
  - Digital participation

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

Move the pointer to show how confident you are designing digital activities to support different learning outcomes.

Not at all confident  

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

**How do you ensure students can access the digital learning opportunities you offer?**

Choose the one that best matches your response:

- I assume they have the devices and skills they need
- I signpost students to sources of support
- I check they have the devices and skills they need for any new activity
- I design activities that let students showcase different digital skills
Breadth: select all the digital activities you do, from a grid of six

When planning a learning session or course, which of these do you do?

Choose any or all that apply to you:

- Look for relevant examples or materials online
- Consider how students could use their own digital devices
- Provide alternatives in case of any technical issues
- Try new technologies or approaches to challenge yourself
- Check students have the digital skills they need
- Share your ideas online with other teaching professionals
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

This icon takes the user to the Digital Capability Framework where all the elements are explained.
Navigating the report

Introduction to your report

PDF download

Report navigation
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 websites. 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:
Recommended resources
We recommend following resources

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

- **It's a question of style**
  Jisc blog post on using styles in tools like word processing and presentation software.

- **Focus on data literacies and ICT proficiencies**
  Jisc blog post on data literacies and ICT proficiency: the importance of digital capabilities
Try it now!
https://jisc.potential.ly/ and use the code LDC18!

Or follow the links on the padlet
» 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?

Visit project page [http://ji.sc/building-digicap](http://ji.sc/building-digicap)

Email the project team at: digitalcapability@jisc.ac.uk

Follow [#digitalcapability](http://www.bit.ly/digidiscoveryguide) on Twitter