

06/09/2016

Building digital capability

Sarah Davies, Head of higher education and student experience, Jisc

- » Those capabilities which fit someone for **living**, **learning** and **working** in a digital society
- » Why are they important?



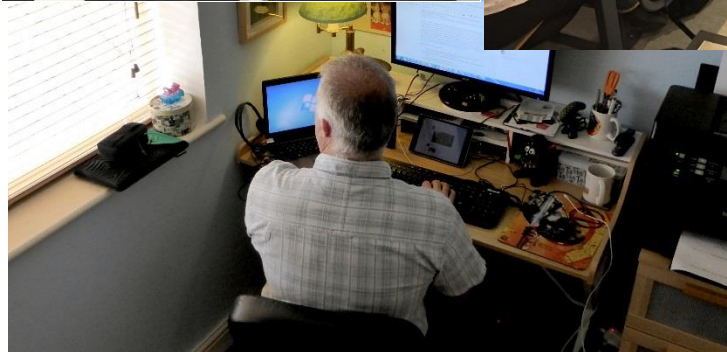
[Image CC-by WOCinTech Chat](#)

- » Around **7 in every 10** students say that when technology is used by teaching staff it enhances their learning experience
- » **7 in every 10** students produced work in a digital format in the last six weeks
- » **90%** of HE students use personal laptops, and **30%** personal desktops, but
- » **74%** of HE students used an institutional desktop computer, and **71%** used an institutional printer.
- » **37.5%** of HE students and **43.2%** of FE & Skills students agree that learners are involved in decisions about digital services

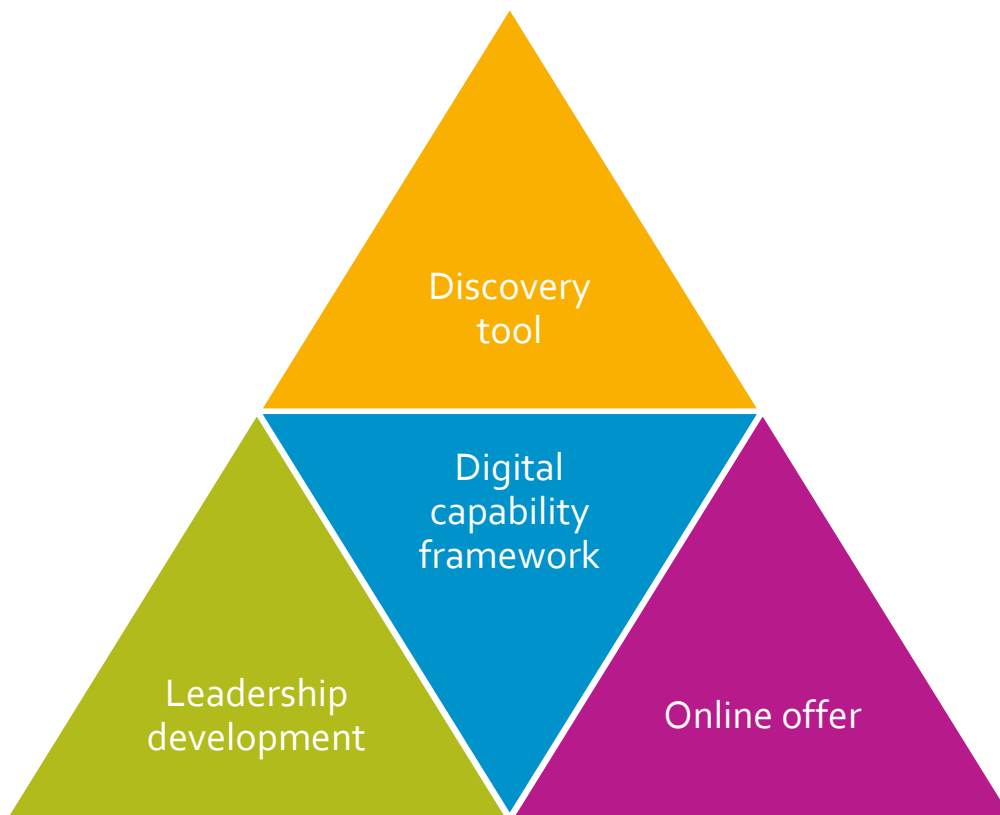
What does digital capability look like?



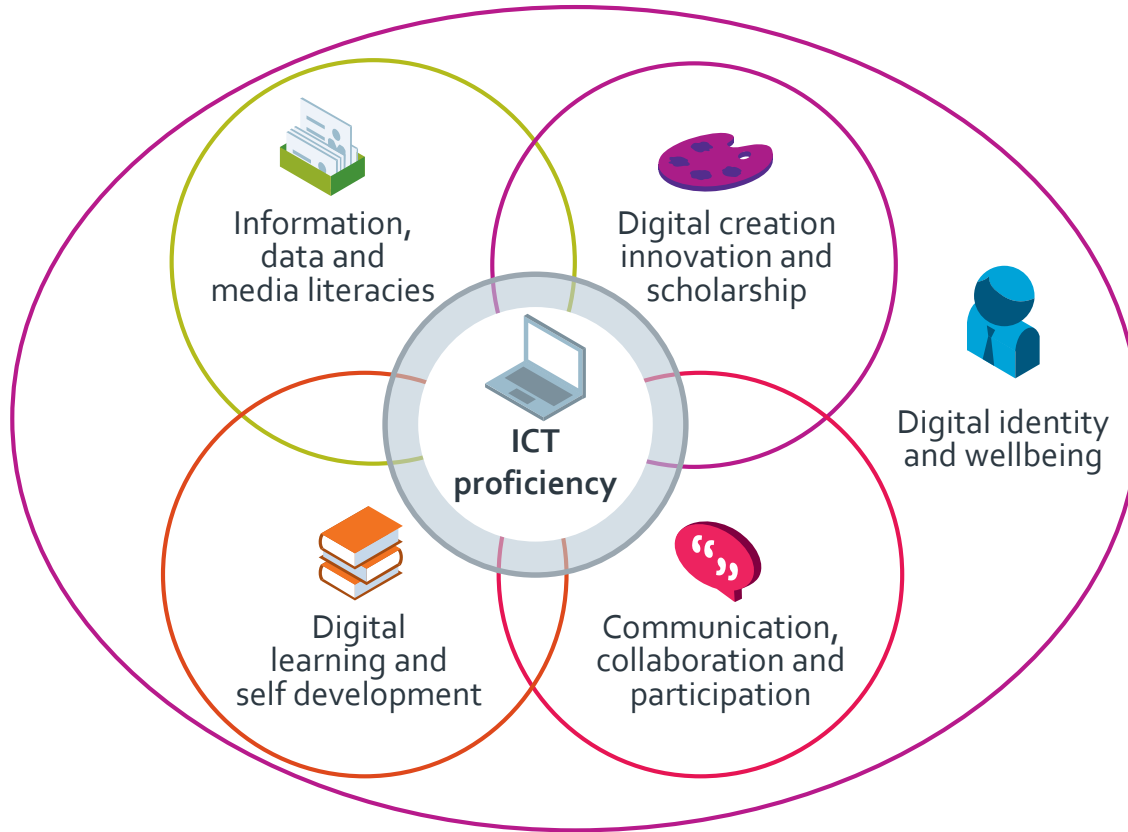
Image CC-by WOCinTech Chat



- » This is about **staff** digital knowledge, skills and attitudes
- » Universities, colleges and skills want help in:
 - › identifying the digital skills needed
 - › identifying their skills gaps
 - › planning, implementing and evaluating initiatives to improve skills
- » #digitalcapability



Digital capability: the six elements





Data protection

Inquiry launched after HIV clinic reveals hundreds of patients' identities

The 56 Dean Street clinic in London apologises after sending newsletter disclosing names and email addresses of 780 people, many living with HIV

Josh Halliday, Denis Campbell and Jessica Elgot

Wednesday 2 September 2015 19.21 BST



This article is 7 months old

< Shares

6,025

[http://](#) [Save for later](#) [m/uk/business](#)



Advertisement







Image: Lawrie Phipps

Building digital capability: Example teacher profile

This is a version of the Jisc 'Six Elements of Digital Capabilities' model, specifically for teachers. It is an update on the earlier '7 elements of digital literacy' model (2009) and has many continuities with it. Feedback from teachers indicates that the base model alone does not provide enough detail to support embedding digital capabilities in teaching practice. This model could be used to define the digital capabilities of teaching staff and is meant to be a starting point for discussion.

ICT proficiency

Use ICT-based devices, applications, software and services as required for research productivity software, web browser, and writing/presentation software; use ICT as a camera, audio recorder; use required institutional systems.

Use any subject-specialist ICT applications to support productivity and efficiency in the research project task and project management.

Work fluently across different devices and applications to achieve complex tasks.

At higher levels, choose, adapt and personalise ICT applications and systems; critically evaluate the benefits/constraints of ICT applications for specific research activities; recover from ICT failure; stay up to date with ICT as it evolves and adopt new systems, applications and services.

Building digital capability: Example researcher profile

This is a version of the Jisc 'Six Elements of Digital Capabilities' model, specifically for research students and research staff. It is an update on the earlier '7 elements of digital literacy' model (2009) and has many continuities with this framework. It is one example of how the base model could be used to define the digital capabilities of research staff and is meant to be a starting point for discussion.

ICT proficiency

Use ICT-based devices, applications, software and services as required for research productivity software, web browser, and writing/presentation software; use ICT as a camera, audio recorder; use required institutional systems.

Use ICT applications to support productivity and efficiency in the research project task and project management.

Work fluently across devices and applications to achieve complex tasks.

At higher levels, choose, adapt and personalise ICT applications and systems; critically evaluate the benefits/constraints of ICT applications for specific research activities; recover from ICT failure; stay up to date with ICT as it evolves and adopt new systems, applications and services.

Find, evaluate, manage and use digital resources.



» We have built a discovery tool to help staff discover their digital capability and provide them with feedback that will help them to build their capability and digital skills

Total Score per Section Graph



Digital Capability

[Survey](#)[Help](#)[Feedback](#)

ICT Proficiency - Are you Tech-Confident?

I am interested in learning about new devices or applications

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Agree
- ☐ Strongly agree

Colleagues and friends often turn to me for advice about digital tools

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Agree
- ☐ Strongly agree

I tend to try solving any technical issues for myself

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Agree



- › Become a more effective digital leader through personal and professional development
- › Explore how their organisations can use technology more effectively
- › Lead, manage and influence digitally-driven strategy across organisations, departments, services and teams



Booking open for
October





Digital capability online offer

- » Personalised dynamic online offer.
- » “Playlists” of activities, resources, content, guides.
- » Creation of dynamic and static “playlists”.
- » Bespoke institutional “playlists”.
- » Professional framework lenses.
- » Social sharing, Twitter, Facebook, LinkedIn.

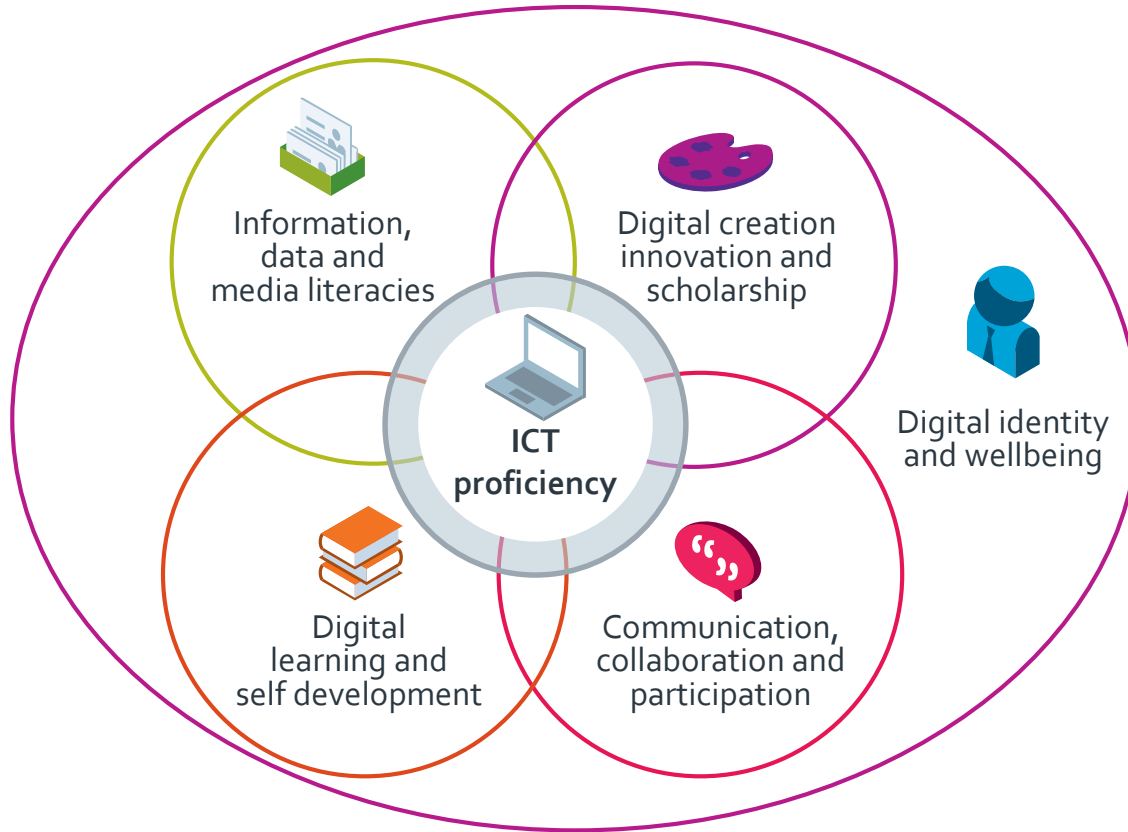


- » Bringing together information and aggregation of data from usage of the discovery tool.
- » We are currently designing the prototype institutional dashboard based on our emerging understanding of what the institutional leads want to know about their staff's results in the discovery tool.
- » Link in with resources and services currently in use and what is available.



- » We will be opening the public beta of the Digital Capability Service to all UK universities and colleges in the Summer 2016.
- » The Digital Leaders Programme will be running in October 2016.

What are the key capabilities needed by your users?





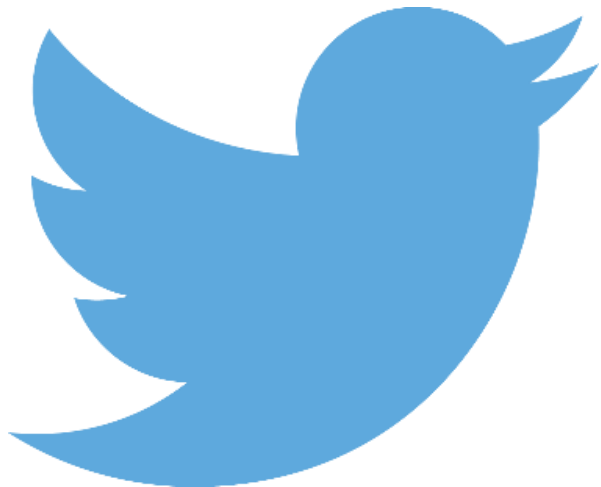
Web site

- » There is the main site on the Jisc website.
- » <https://www.jisc.ac.uk/rd/projects/building-digital-capability>

Project Blog

- » Follow the project on the blog.
- » <http://digitalcapability.jiscinvolve.org/wp/>





Twitter

- » Follow the community using the hashtag #digitalcapability
- » <https://twitter.com/hashtag/digitalcapability?vertical=default&src=hash>

Building digital capability

James Clay

Project manager

james.clay@jisc.ac.uk

<http://bit.ly/jiscdigcap>

jisc.ac.uk



Except where otherwise noted, this work is licensed under CC-BY-NC-ND