

# Online Learning and Digital Capabilities

**The Theory and the Reality**

# Overview

- **Definitions – “Digital Capabilities”**
- **Digital Capabilities - Jisc ‘s Definition in Six Elements**
- **Definitions “Online Learning”**
- **21<sup>st</sup> Century Skills (World Economic Forum)**
- **Infographic on changing work patterns – Bersin Learning trends**
- **“Digital Capabilities” Playlist draft**
- **Real case Scenario - University of Oxford**

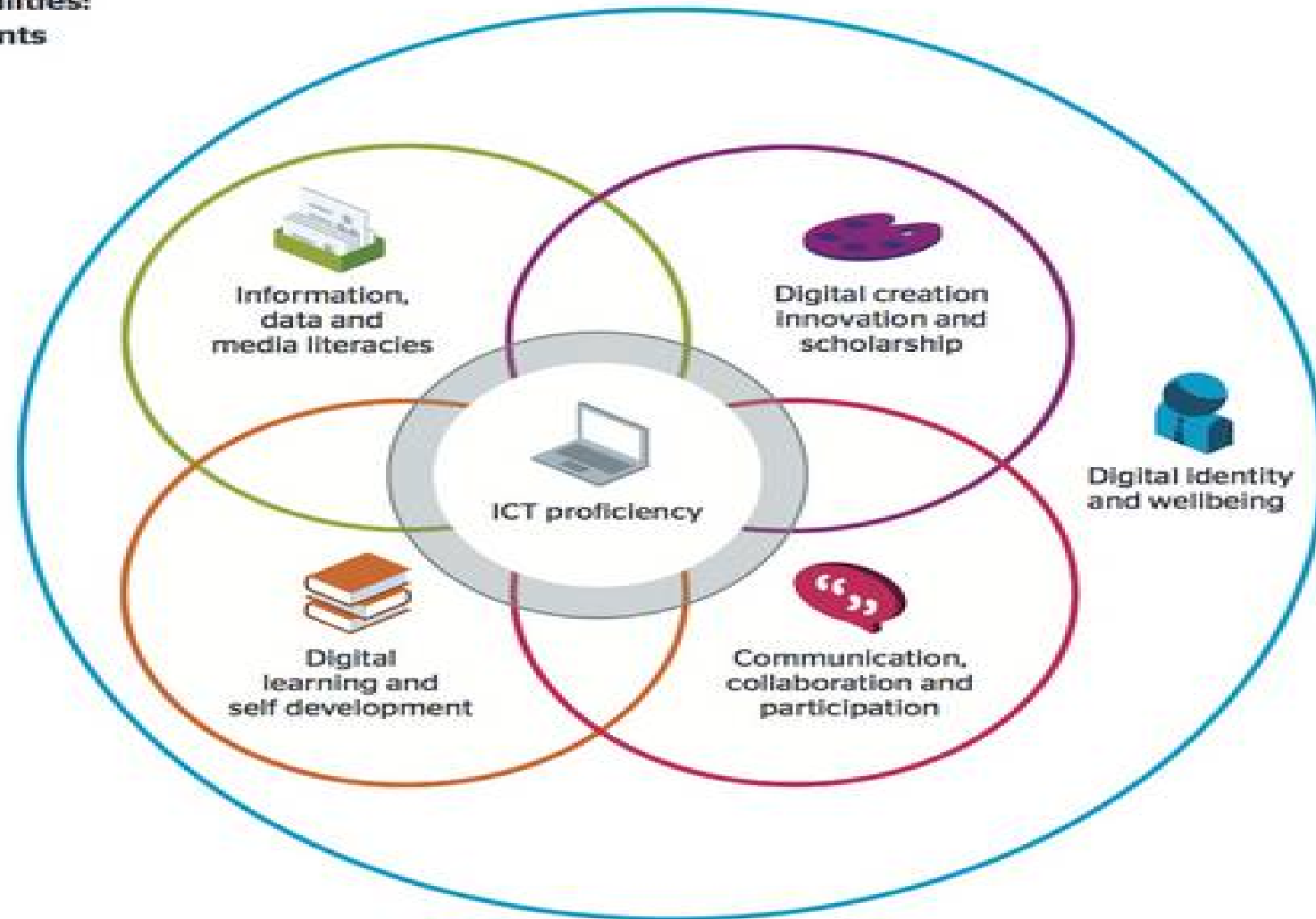


# Definitions – “Digital Capabilities”

- For some executives, digital capabilities are about technology. For others, digital is a new way of engaging with customers. And for others still, it represents an entirely new way of doing business. (McKinsey, 2016).
- *Mind-sets*. Being digital is about using data to make better and faster decisions, devolving decision making to smaller teams, and developing much more iterative and rapid ways of doing things. (McKinsey, 2016).
- Digital Capabilities can be defined as the skills and/or competencies required for living, learning and working in a digital society (Jisc, 2015).
- As per Jisc “Digital Capabilities” can be defined through the following 6 elements:
  - ICT proficiency
  - Information, media and data literacy (critical use)
  - Digital creation, scholarship and innovation (creative production)
  - Digital communication, collaboration and participation (participating)
  - Digital learning and personal/professional development (learning)
  - Digital identity and wellbeing (self-actualising)

# Digital Capabilities - Jisc 's Definition in Six Elements

Digital capabilities:  
the six elements





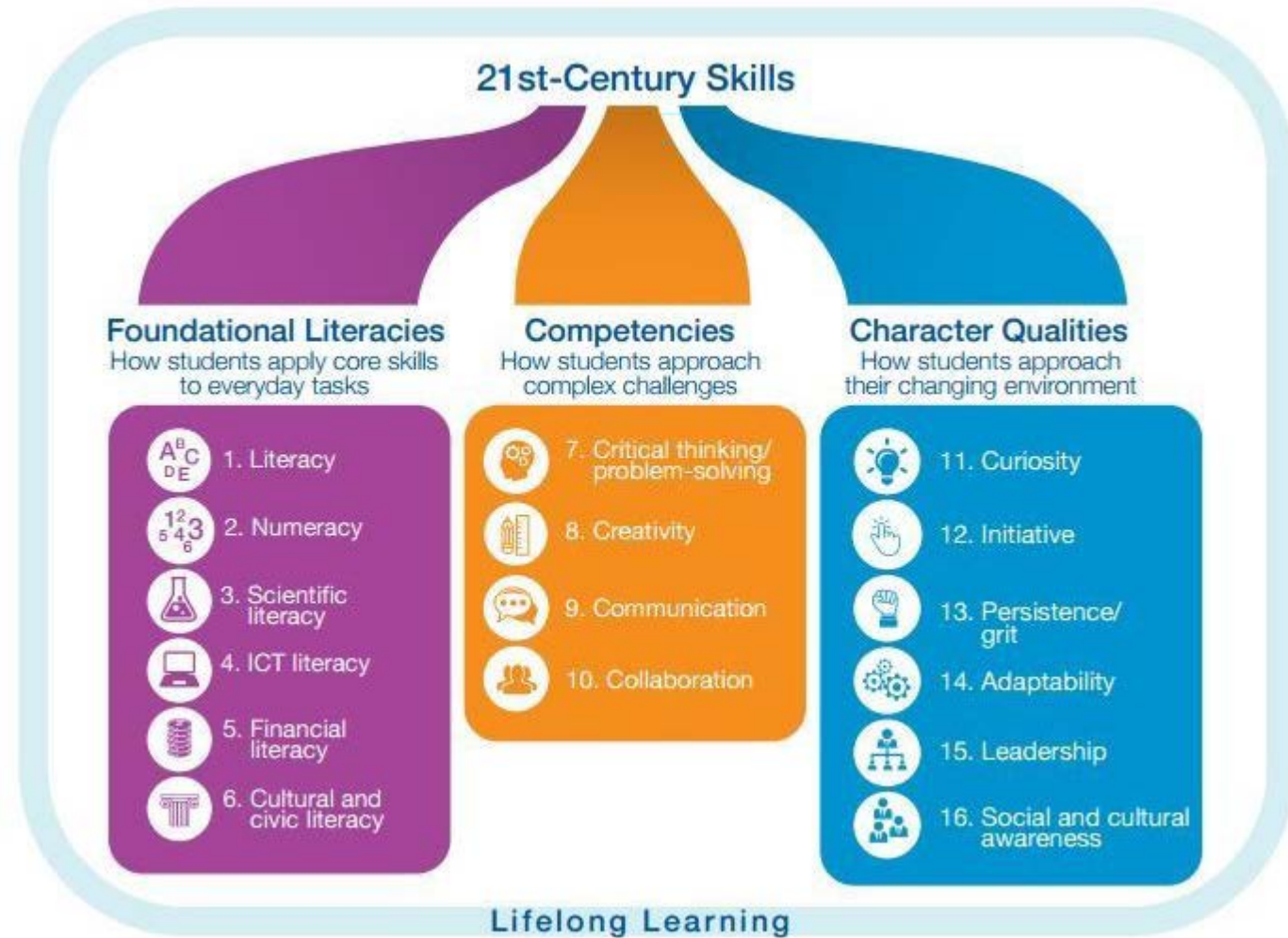
## Definitions “Online Learning”

- **Online learning** is described by most authors as access to learning experiences via the use of some technology and identify online learning as a more recent version of distance learning which improves access to educational opportunities for learners described as both non-traditional and disenfranchised. (Benson, 2002; Carliner, 2004; Conrad, 2002).
- Other authors discuss not only the accessibility of **online learning** but also its connectivity, flexibility and ability to promote varied interactions. Ally, 2004; Hiltz & Turoff, 2005; Oblinger & Oblinger, 2005).
- **Online learning** is a method of delivering educational information via the internet instead of in a physical classroom. There are many different applications for **online learning**, ranging in scope from simple downloadable content (like iTunes U) through to structured programmes that include assessment and award.\*
- Types of technology enhanced learning include: 1) ‘live’ attendance at lectures via the web 2) accessing recorded lectures and seminars, 3) virtual learning environments (VLEs), 4) use of social media, 5) open educational resources (OERs) 6) massive open online courses (MOOCs)\*\*

\* <https://www.study2u.com/online-learning>

\*\* <https://www.heacademy.ac.uk/workstreams-research/themes/online-learning#sthash.i4T2s3cG.dpuf>

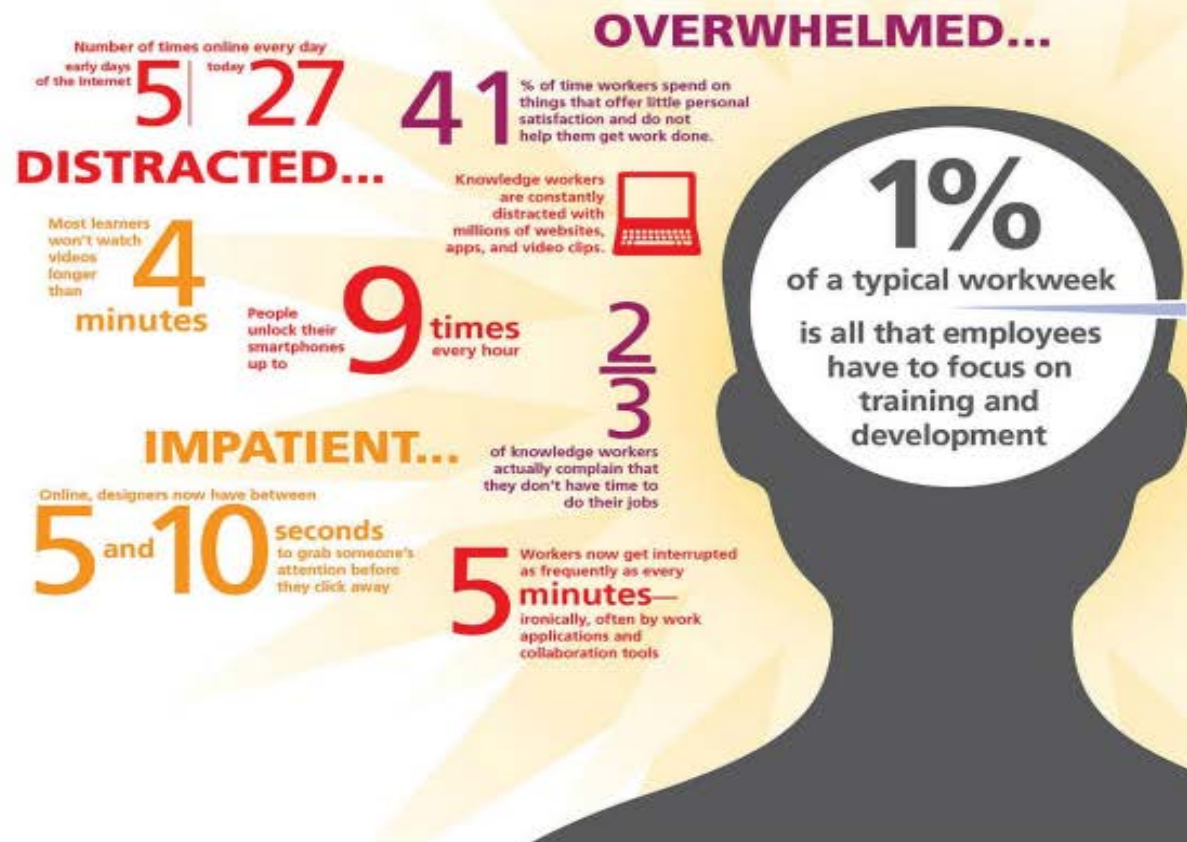
# 21st Century Skills – World Economic Forum 2016



Note: ICT stands for information and communications technology.



# Employees' work patterns, preferences, behaviors and options are changing fast



## UNTETHERED

Today's employees find themselves working from several locations and structuring their work in nontraditional ways to accommodate their lifestyles. Companies are finding it difficult to reach these people consistently and even harder to develop them efficiently.



## ON-DEMAND

Employees are accessing information—and learning—differently than they did just a few years ago. Most are looking for answers outside of traditional training and development channels. For example:



## COLLABORATIVE

Learners are also developing and accessing personal and professional networks to obtain information about their industries and professions.



## EMPOWERED

Rapid change in business and organizations means everyone needs to constantly be learning. More and more people are looking for options on their own because they aren't getting what they need from their employers.



# “Digital Capabilities” Playlist

## Tutorials included are:

Various Microsoft Office Suite Essentials courses

Study Skills Tutorials

Information Literacy Tutorial

How to teach and be a future ready Student

Personal Branding (on Social Media)

“Up and running tutorials” for various Social

Media tools (Twitter, LinkedIn, Facebook,

Instagram etc.)

Up and running with MATLAB & SPSS

Search for the software or skills you want to learn

Hi, Silke

### Digital Capabilities - Jisc Framework inspired

Courses: 22 • Videos: 820  
Total duration: 53h 5m  
You are the **owner** of this playlist

**15% complete**

Curated by: Silke Prodinge-Leong  
Last updated: May 23, 2016

This is a playlist build on some of the outlining principals of the Jisc digital framework around the 3 main different attributes on capabilities. 'ICT skills' e.g. Using search engines Accessing and using online services Using data, data analysis Using professional and academic (subject- specific) tools Using a range of media-capture devices Using a range of editing applications Using communication and presentation tools 'Information skills', e.g. Locating and accessing information Comparing, evaluating

- Edit playlist
- Watch playlist
- Copy playlist
- Make private
- Share

Course/Video/Chapter name	Progress	Watched	Duration
▶ <b>Course:</b> Digital Citizenship	<div style="width: 42%;"></div> 42%		1h 31m
▶ <b>Course:</b> Speed Reading Fundamentals	<div style="width: 100%;"></div> 100%		58m 4s
▶ <b>Memo:</b> Jisc Framework - main principals			
▶ <b>Course:</b> Up and Running with Office Mobile for Windows 10	<div style="width: 0%;"></div> 0%		1h 8m
▶ <b>Course:</b> Computer Literacy for Mac	<div style="width: 0%;"></div> 0%		3h 28m
▶ <b>Course:</b> Computer Literacy for Windows 7	<div style="width: 0%;"></div> 0%		3h 33m
▶ <b>Memo:</b> Tools to Help Your Studies			
▶ <b>Course:</b> Study Skills Fundamentals	<div style="width: 44%;"></div> 44%		1h 36m
▶ <b>Course:</b> Google Apps for Students	<div style="width: 0%;"></div> 0%		1h 13m



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**Submitted separately by Kathryn directly**