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Digital
TRAVELLERS 

What is DigComp 2.1?

Self-training Module



AT THE END OF THIS MODULE...

...I will be able to...

- Choose competence areas according to the needs of my public
- Assess the proficiency levels of participants and design workshops that allow them to grow in autonomy
- Search for relevant resources in The Digital Travellers Library of Resources
- Understand how the DigComp 2.1 relates to a broader set of skills



DigComp 2.1

A reference framework

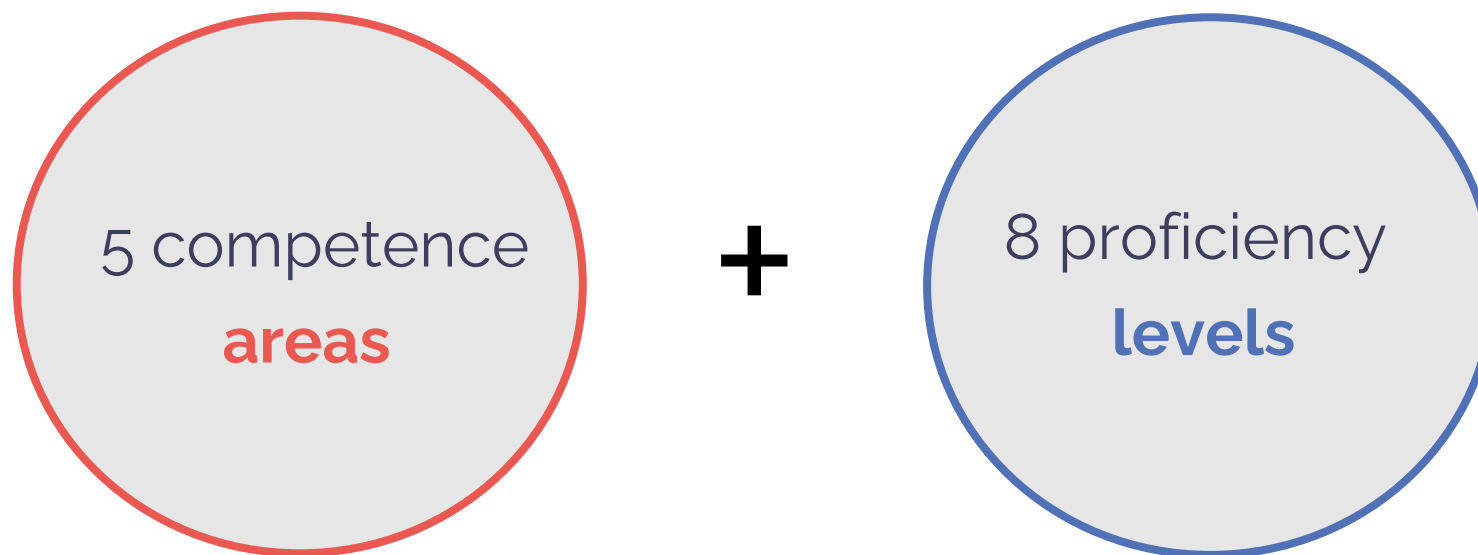


a common, practical and comprehensive European reference framework to describe digital competence

WHY?

To bring a bit of a structure to the vast domain of digital competence...

HOW?



A little sports analogy...



5 competence
areas



Swimming



Cycling



Running



Ballet



Football

8 proficiency
levels



Five *Competence Areas*

1. Information and data literacy



Navigation, Assessment,
Data management...

2. Communication and collaboration



Interactions, Sharing, Digital identity...

3. Digital content creation



Development, Copyright, Programming...

4. Safety



Privacy, Data, Environmental protection...

5. Problem solving



Technical problems,
Identifying one's deficiencies...

<p>1. Information and data literacy</p>	<p>1.1 Browsing, searching and filtering data, information and digital content 1.2 Evaluating data, information and digital content 1.3 Managing data, information and digital content</p>
<p>2. Communication and collaboration</p>	<p>2.1 Interacting through digital technologies 2.2 Sharing through digital technologies 2.3 Engaging in citizenship through digital technologies 2.4 Collaborating through digital technologies 2.5 Netiquette 2.6 Managing digital identity</p>
<p>3. Digital content creation</p>	<p>3.1 Developing digital content 3.2 Integrating and re-elaborating digital content 3.3 Copyright and licences 3.4 Programming</p>
<p>4. Safety</p>	<p>4.1 Protecting devices 4.2 Protecting personal data and privacy 4.3 Protecting health and well-being 4.4 Protecting the environment</p>
<p>5. Problem solving</p>	<p>5.1 Solving technical problems 5.2 Identifying needs and technological responses 5.3 Creatively using digital technologies 5.4 Identifying digital competence gaps</p>



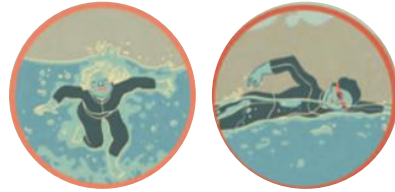
Eight *Proficiency Levels*

Level 1
Level 2



Foundation

Level 3
Level 4



Intermediate

Level 5
Level 6




Advanced

Level 7
Level 8



Highly specialised

Levels		Complexity of tasks	Autonomy level	Cognitive domain
1	foundation	Simple tasks 	With guidance	Remembering
2		Simple tasks 	Autonomy and with guidance when needed	Remembering
3	intermediate	Well-defined and routine tasks, and straightforward problems 	On my own	Understanding
4		Tasks, and well-defined and non-routine problems 	Independent and according to my needs	Understanding
5	advanced	Different tasks and problems 	Guiding others	Applying
6		Most appropriate tasks 	Able to adapt to others in a complex context	Evaluating
7	highly specialised	Resolve complex problems with limited solutions 	Integrate to contribute to the professional practice and to guide others	Creating
8		Resolve complex problems with many interacting factors 	Propose new ideas and processes to the field	Creating



DigComp 2.1

*At the heart
of DT Library*

Resources available in The Digital Travellers Library of Resources






5 (+1)* competence areas

3 first proficiency levels

*Extra level "**operation of devices**" does not belong to DigComp 2.1. In a way, it refers to "level zero", or "absolute beginner" abilities

In a job search...

 **INFORMATION AND DATA LITERACY**

<p>At basic level and with guidance, I can...</p> <p>level 1 </p>	<p>At basic level and with autonomy and appropriate guidance where needed, I can...</p> <p>level 2 </p>	<p>On my own and solving straightforward problems, I can...</p> <p>level 3 </p>
<ul style="list-style-type: none"> • identify my information needs, • find data, information and content through a simple search in digital environments, • find how to access these data, information and content and navigate between them. • identify simple personal search strategies. 		<ul style="list-style-type: none"> • explain my information needs, • perform well-defined and routine searches to find data, information and content in digital environments, • explain how to access them and navigate between them. • explain well-defined and routine personal search strategies.

Example of use in an employment scenario: Job seeking process

<p>With help from an employment adviser, I can identify, from a list, those job portals which can help me look for a job. I can also find these job portals in my smartphone's app store, and access and navigate between them. From a list of generic keywords for job seeking available in a blog on job hunting, I can also identify the keywords that are useful for me.</p>	<p>I can name the job portals I routinely use to help me look for a job.</p> <p>I can use well-defined keywords to find jobs portals in my smartphone's app store, and explain to the employment adviser how I access and navigate between them.</p> <p>I can explain to the employment adviser why I usually use certain keywords to find job portals and apps in my smartphone.</p> <p>I can fix problems such as accessing to the wrong portal or job app, or navigating away from portals that I routinely use.</p>
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IN SHORT

What practical use is the DigComp 2.1 system for me?

- It can help me to choose competence areas, according to my public's needs
Each target public can have specific needs in their digital use.
- It can help me to assess the proficiency levels of participants
I can reduce or increase my action according to my public's actual level and therefore design workshops that best allow my public to grow in autonomy.
- It can help me to quickly and effectively search for relevant resources
The available tools in The Digital Travellers Library of Resources are classified according to the DigComp 2.1 system.
- It shows me how digital skills form part of a broader set of skills
The DigComp 2.1 Framework contains lots of examples showing how the digital skills relate to real life scenarios.



NEXT STEPS

In your training journey...

1. Consult other modules

- The Digital Travellers Library of Resources
- My Role as a Facilitator
- The Stages in a Workshop

2. Browse practical guidance related to this module

- Guide: Planning a Workshop





IF YOU WANT TO LEARN MORE...

Module and image sources:

- Carretero, S.; Vuorikari, R. and Punie, Y. (2017). DigComp 2.1: The Digital Competence Framework for Citizens with eight proficiency levels and examples of use, EUR 28558 EN, doi:10.2760/38842 (<https://publications.jrc.ec.europa.eu/repository/handle/JRC106281>)
- Upsplash: <https://unsplash.com/>