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
DigComp2.1
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?
5 competence areas + 8 proficiency levels

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A little sports analogy...

5 competence areas

Swimming  Cycling  Running  Ballet  Football

8 proficiency levels

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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...

In short

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## In detail

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

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Eight Proficiency Levels
In short

Level 1
Level 2
Foundation

Level 3
Level 4
Intermediate

Level 5
Level 6
Advanced

Level 7
Level 8
Highly specialised

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<table>
<thead>
<tr>
<th>Levels</th>
<th>Complexity of tasks</th>
<th>Autonomy level</th>
<th>Cognitive domain</th>
</tr>
</thead>
<tbody>
<tr>
<td>foundation</td>
<td>Simple tasks</td>
<td>With guidance</td>
<td>Remembering</td>
</tr>
<tr>
<td>Simple tasks</td>
<td></td>
<td>Autonomy and with guidance when needed</td>
<td>Remembering</td>
</tr>
<tr>
<td>intermediate</td>
<td>Well-defined and routine tasks, and straightforward problems</td>
<td>On my own</td>
<td>Understanding</td>
</tr>
<tr>
<td>Tasks, and well-defined and non-routine problems</td>
<td>Independent and according to my needs</td>
<td>Understanding</td>
<td></td>
</tr>
<tr>
<td>advanced</td>
<td>Different tasks and problems</td>
<td>Guiding others</td>
<td>Applying</td>
</tr>
<tr>
<td>Most appropriate tasks</td>
<td></td>
<td>Able to adapt to others in a complex context</td>
<td>Evaluating</td>
</tr>
<tr>
<td>highly specialised</td>
<td>Resolve complex problems with limited solutions</td>
<td>Integrate to contribute to the professional practice and to guide others</td>
<td>Creating</td>
</tr>
<tr>
<td>Resolve complex problems with many interacting factors</td>
<td>Propose new ideas and processes to the field</td>
<td>Creating</td>
<td></td>
</tr>
</tbody>
</table>
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.

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## Example

### In a job search...

<table>
<thead>
<tr>
<th>At basic level and with guidance, I can...</th>
<th>At basic level and with autonomy and appropriate guidance where needed, I can...</th>
<th>On my own and solving straightforward problems, I can...</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>level 1</strong></td>
<td><strong>level 2</strong></td>
<td><strong>level 3</strong></td>
</tr>
<tr>
<td>• identify my information needs.</td>
<td>• perform well-defined and routine searches to find data, information and content in digital environments.</td>
<td>• explain my information needs.</td>
</tr>
<tr>
<td>• find data, information and content through a simple search in digital environments.</td>
<td>• explain how to access them and navigate between them.</td>
<td>• explain well-defined and routine personal search strategies.</td>
</tr>
<tr>
<td>• find how to access these data, information and content and navigate between them.</td>
<td>• identify simple personal search strategies.</td>
<td></td>
</tr>
<tr>
<td>• identify simple personal search strategies.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Example of use in an employment scenario: Job seeking process

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.

I can name the job portals I routinely use to help me look for a job. 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. I can explain to the employment adviser why I usually use certain keywords to find job portals and apps in my smartphone. I can fix problems such as accessing to the wrong portal or job app, or navigating away from portals that I routinely use.

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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.

IN SHORT

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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

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