

- Skills for the European
- Open Science
- Commons

Finding Existing Learning Materials

WP2 T3

Supporting

eosc



Co-funded by
the European Union



UK Research
and Innovation



Learning Objectives



Collect existing learning materials

Compare learning materials repositories

Discover learning materials catalogues

Agenda

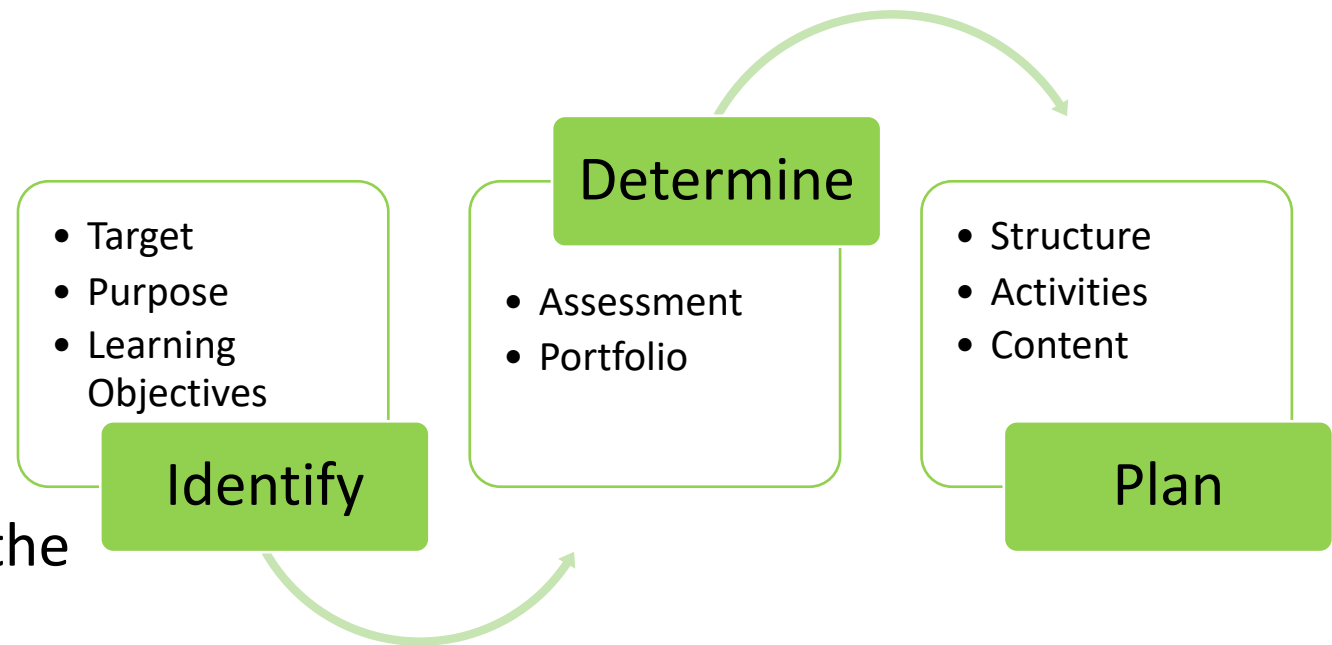
**Bck. Ins. Design
Step 2**

Repositories

Hands-on

Backward Instructional Design Step 2

- How to assess that
 - learning objectives have been reached
 - new knowledge and skills have been obtained
- Goal:
 - type and content of learning material best suited to achieve the learning objectives



Be inspired !

Find different types of assessment and related learning materials

Don't start from scratch => reuse

- Licenses...

Closed learning resources have value too

Learning Materials Repositories

- There is no one key to rule them all
- Discovery is a lengthy, windy process

OER repos

- US oriented
- multiple catalogues
- mostly discipline specific
- low on OS topics

EOSC projects

- multiple platforms
- learners oriented
- EOSC training catalogue
- high on OS topics

General repos

- host other resources
- popular among trainers
- Difficult to filter

OER repos/catalogues vs. EOSC projects

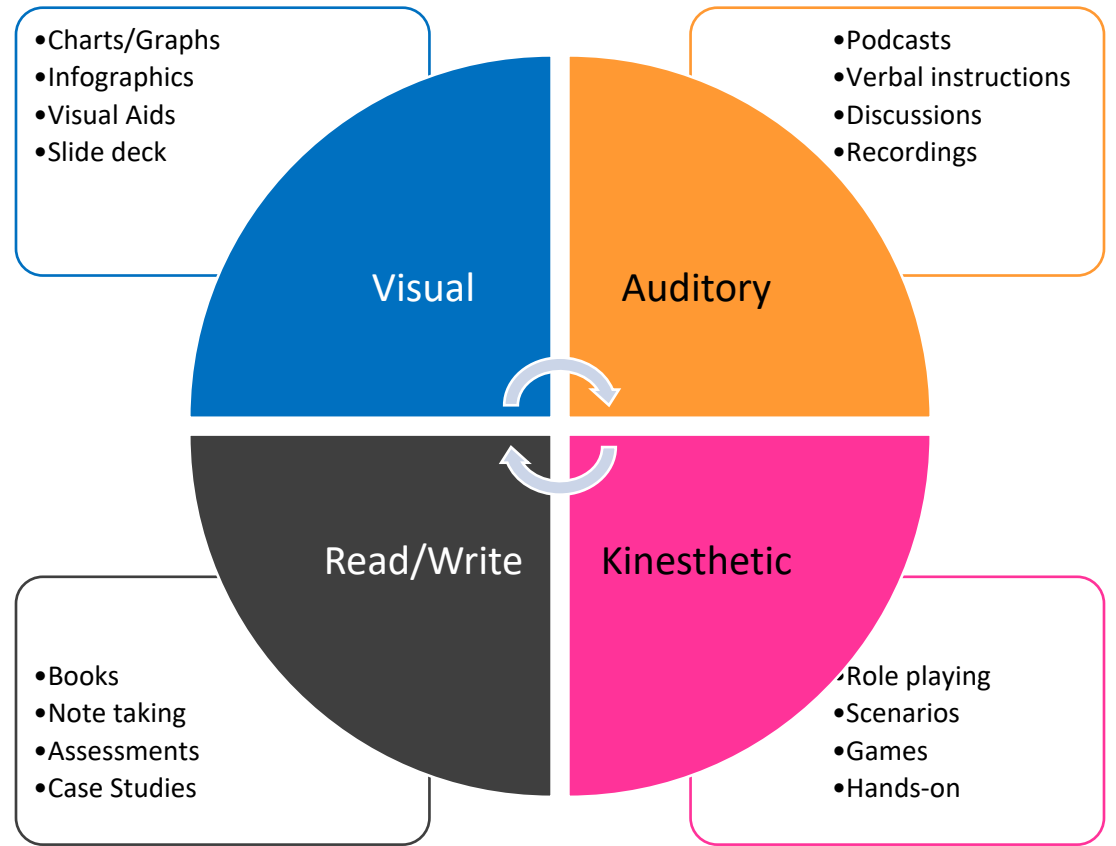
- [DOAB \(Directory of Open Access Books\)](#)
 - [MERLOT \(Multimedia Educational Resources for Learning and Online Teaching\)](#)
 - [OASIS \(Openly Available Sources Integrated Search\)](#)
 - [OER Commons](#)
 - [OERTXCommunity of Online Research Assignments \(CORA\)](#)
 - [GALILEO Open Learning Materials](#)
 - [FORRT \(Framework for Open and Reproducible Research Training\)](#)
- [EOSC Training catalogue on the EOSC Marketplace](#)
 - [EOSC Synergy learning platform](#)
 - [EOSC Pillar RDM Training and Support catalogue](#)
 - [NI4OS-Europe Training Platform](#)
 - [EOSC-Nordic Training Library](#)
 - [OpenAIRE Open Plato](#)
 - [Elixir Training Platform](#)

General repos/platforms vs. Skills4EOSC

- [Creative Commons Search](#) - engine that helps find content that you can share, use and remix as it is provided under a CC license.
- [Zenodo](#) - a multi-disciplinary open repository maintained by CERN
- [OSF](#) - a free, open platform to support your research and enable collaboration.
- [Landscaping Data Steward Curriculum Courses](#) performed by T4.1
- [Landscaping Train the Trainer resources](#) performed by T2.5 together with a [summary report](#)
- [Training resources for policy makers](#) defined by WP3

Open Multimedia

- Images
 - [Pixabay](#) - Pixabay license
 - [Pxhere](#) - CC0
- Audio
 - [Free Music public Domain](#) - CC BY
 - [Purple Planet](#) - Free license (attribution)
- Video
 - [Vimeo](#) - Public Domain or CC license
 - [Youtube](#) - CC BY



Lets discover

You have been tasked to develop a new course on the topic of Open Science for policy makers. You already went through step 1 of the backward instructional process and defined the essential information including learning objectives.

Contemplate

Spend some time thinking how can you assess if someone has managed to reach the defined learning objectives? This should help you identify the main concepts that you need to cover in your courses and develop content and activities around.

Discover 1

Start from <https://zenodo.org/>

- "open science training" keywords
- **type = Lesson**
- file type filter
 - **zip** -> GitHub -> editable content in an open format
- keyword "course" = mostly lesson type resources, type other as well

Discover 2

Try <https://osf.io/search/>

- filter not as sophisticated
- add keywords "training" or "course"

Look around and try to find something useful.

- What information you would like to see to help you with your search
- Some resources are available only to registered users

Discover OER

Search for "open science" in

- <https://oasis.geneseo.edu/>
- <https://oercommons.org/>
- <https://www.merlot.org/merlot/index.htm>

Many results overlap across the different repos

- can you find something more specific such as a lesson plan, syllabus, or assignment?
- are you able to find a multimedia oriented materials such as a video, podcast, or similar?

Final stops

Look around <https://forrt.org/> and its Educational Nexus: <https://forrt.org/nexus/>

- Focuses on FAIR learning resources

the EOSC training catalogue
https://search.marketplace.eosc-portal.eu/search/training?q=*

- resource types: lesson plan, activity plan and assessment
- the same resource can have multiple types

Summary



Image by 🌻Christel🌻 from [Pixabay](#)

- Skills for the European
- Open Science
- Commons



Supporting



Skills4EOSC has received funding from the European Union's Horizon Europe Research and Innovation Programme under Grant Agreement No. 101058527 and from UK Research and Innovation (UKRI) under the UK Government's Horizon Europe funding guarantee, Grant No. 10040140

Thank you!

Any questions before we continue?

sonja.filiposka@finki.ukim.mk

Cite instructions on:

<https://doi.org/10.5281/zenodo.10014781>



This presentation is released under a CC-BY 4.0 license