

Capacity Building: OER Repositories and Training

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ISKME.org

The Institute for the Study of Knowledge Management in Education (ISKME) is a U.S.-based NGO founded in 2002 to address issues of access and equity in education—through research, policy, and practice.

Our mission is to make learning and knowledge-sharing participatory, equitable, and open.

We've created a widely used and broadly accessible digital infrastructure for the sharing of free curricular resources ([OER Commons](#)). This infrastructure supports over 60 communities of practice hubs, as well as 24 stand alone digital OER libraries with states, institutions, and ministries of education.



Our purpose in creating repositories and libraries closely aligns with UNESCO's OER Recommendation for building the capacity of education stakeholders to create, access, re-use, adapt, and redistribute openly licensed learning and teaching materials.



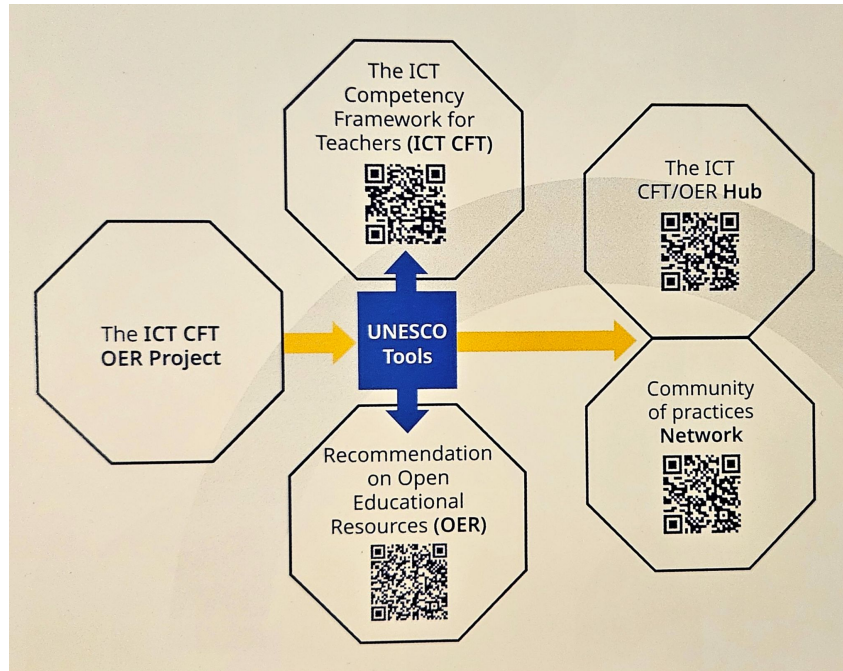
How to begin? Start with a problem that needs to be addressed in your context

For example: Digital skills and competencies are increasingly important to enable citizens to actively participate in digital transformation, in order to benefit from lifelong learning and to respond to global challenges.

“How might we train educators in these competencies so that they can then support learners in their development?”

Example of a Solution:

Develop frameworks, tools, and community of practice



UNESCO ICT Competency Framework Hub for Teachers



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UNESCO ICT Competency Framework for Teachers



UNESCO ICT Competency Framework for Teachers

Helping national ministries of education and higher education institutions develop comprehensive national teacher ICT competency policies, standards, courses and open materials.

Search hub resources



ICT CFT Adopters

These countries are adopting the UNESCO ICT Competency Framework for Teachers. They are using groups to organize, collaborate, and share ICT-CFT aligned resources.



Republic of Tunisia



Guyana ICT in Education for Teachers Course



Rwanda ICT Essentials for Teachers Course



THE MINISTRY OF NATIONAL EDUCATION OF THE REPUBLIC OF TURKEY



South Africa - MGS LG - MG Online



University of Cambridge OER4Schools



Egyptian ICT CFT



Zimbabwe ICT Essentials for Teachers

UNESCO ICT Competency Framework Hub for Teachers

- Hub contains collections of Open Education Resources (OER) curated by UNESCO and partner countries
- Content is aligned to the UNESCO ICT Competency Framework for Teachers (CFT).
- Provides content discovery and connections with other educators who are using Information and Communication Technology (ICT) to improve teaching practice.
- Informs educational policy makers, providers of professional learning and working teachers on the role of ICT in educational reform
- Assists Member States in developing national ICT competency standards for teachers with an ICT in Education Master Plan approach.

Best Practices for Capacity Building Through OER Repositories

1. Provides access to high quality content in environment that supports collaboration to adapt and localize content for context and relevance.
2. Advances the distribution of OER through its portability, including formats and metadata descriptions.
3. Ensures proper attribution of resources, because without knowing the provenance of a resource, we lose ability to describe and build a transparent knowledge base.
4. Ensures content can be used beyond the platform in which it was created, requires platforms to be interoperable with each other.
5. Meet the needs of all learners, including those have traditionally been excluded, which requires content be culturally relevant, inclusive, and accessible to those with disabilities.

The Value of Creating Digital Public Goods in Education

- Provides universal access for all
- Supports the creation and adaptation of high quality materials
- Serves the local context for education materials
- Supports transformation of teaching and learning
- Professionalism of teaching: trains educators to evaluate content, apply standards, vet content for its quality

Thank you!

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