

Teaching and Learning Today

It's more than only integrating new contents, but also requires social and methodological competencies. Problems/difficulties at schools show that the teaching forms institutions need to be questioned.

Main characteristics of teaching and education *should* be:

- critical thinking (action oriented)
- cognitive orientation (evolutive)
- analytical & rhetorical capacities → deliberation of society

Taught topics should be related to:

- Global Education: Human rights education; Environment education; Development education
- Civic Education: Learning by speaking; Learning by doing (Service learning)
- Education towards Democracy
- **New learning:** long-term, flexible, functional, meaningful, generalizable, application-oriented

(Eichelberger; Laner et al. (2010); p. 47ff.)

Parallelization of the new understanding of learner centred learning and the new technologies (Kergel, Heidkam-Kergel, 2020, p. 39):

New Learning	New Technology
Personalised	Personal
Learner centred	User centred
Situated	Mobile
Collaborative	Networked
Ubiquitous	Ubiquitous
Lifelong	Durable

Open Educational Resources and Creative commons for the digital age

Open educational resources (OER) refers to (mostly digital) teaching/learning materials that are provided independently of the institutions. OER are openly accessible, openly licensed texts, media and other digital contents that may be useful for teaching, learning, evaluation and research. (Kergel, Heidkam-Kergel, 2020, p. 53)

At the UNESCO forum in 2002, the term has been defined for the first time among the 'Open Courseware' and a global logo has been introduced:

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- *Retain*: the right, to copy, own and control the content
- *Reuse*: the right to use the content in diverse ways (e.g. in a study group or on a website)
- *Revise*: the right to adapt, modify or change the content by myself
- *Remix*: the right to combine the content with other material and create something new
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(Kergel, Heidkam-Kergel, 2020, p. 54)

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Type	Abbreviation	Permissions
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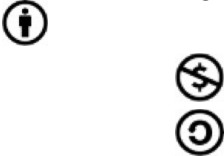


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