

Five conditions identified for OEP	Implementation in the research methods course
Open Educational Resource (OER) - use and release of	<p>Use as input: the “textbook” of the course (Class & Schneider, no date), which was started in 2014 on the EduTechWiki and to which several groups of students have contributed to, is an OER.</p> <p>Use as output: the article that captures work conducted throughout the course is available on Zenodo (Achour Rahmani et al., 2021) for future use and as a meaningful learning contribution.</p>
Enabling technology to support a connected learning community where the OEP can flourish	<p>Moodle LMS was used to store all official information related to the course such as grading.</p> <p>A Mattermost environment was used to support learning conceived as a conversation (Laurillard, 2002) with on-going <i>discussions – production – feedback – new production</i> loops.</p>
Open teaching for self-regulated students' pathways	<p>Students worked in duos on one component of the research cycle (e.g. literature review, research question, method, etc.). In a second time, taking into account the remaining components, the entire research design has been aligned.</p>
Open collaboration to participate in open communities	<p>This dimension was not really worked on and should definitively be improved. Students had access to two communities: on one hand their peers and teaching staff and on the other hand their peers. Access to a broader community was lacking and should be put in place.</p>
Open assessment - peer and community-based	<p>Students reviewed each other’s work when putting together all separate components into one coherent whole.</p> <p>Two external evaluators – a librarian and a research methods teacher – were asked to assess the final production.</p>

Class, B. (Under review). Revisiting Education: on the Role of Imagination, Intuition and Other “Gifts” for Open Scholars *Frontiers in Education*(Open Education for Sustainable Development: Contributions from Emerging Technologies and Educational Innovation).