

Resources on Competencies and Pedagogies for Sustainability



ESD competencies & pedagogies

QAA & AdvanceHE (2021) Education for Sustainable Development Guidance.

- ➔ Lists ESD competencies as well as suggestions for learning objectives for knowledge, skills, and values for each competency and suggests pedagogies to develop these. [Access here](#) with QAA/AdvanceHE membership.

UNESCO (2017) Education for Sustainable Development Goals.

- ➔ Lists competencies as well as learning objectives for each individual SGD. [Access here](#).

UNECE, 2012. Learning for the Future: Competences in Education for Sustainable Development.

- ➔ Lists competencies for educators. [Access here](#).

Rieckmann, M. (2018) Learning to transform the world: key competencies in education for sustainable development

- ➔ Book chapter that discusses competencies and range of pedagogies in greater detail. [Access here](#).

Ecopedagogy

Introduction to Teaching Sustainability and Climate Action

- ➔ FutureLearn course developed by Ria Dunkley. [Access here](#).

Ecopedagogy: An Introduction. (2010). Counterpoints, 359, 1–33.

- ➔ Introductory chapter on Ecopedagogy. [Access here](#) (may be dependent on your institutional access options).

Dunkley, R. (2021) Space-time Scapes as ecopedagogy. Journal of Environmental Education, 49(2), pp. 117-129.

- ➔ Research and insights on spatial and temporal elements of environmental learning. [Access here](#).
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Sources on pedagogical approaches

- **Enquiry based learning:** University of Manchester Centre for Excellence in Enquiry Based Learning: What is EBL? [Access here.](#)
- **Problem based learning:** McDonald & Savin-Baden (2004) A Briefing on Assessment in Problem-based Learning. (*Includes introduction to PBL*). [Access here.](#)
- **Collaborative learning:** Laal & Ghodsi (2012) Benefits of collaborative learning. [Access here](#) (may be dependent on your institutional access options).
- **Learning by storytelling:** AdvanceHE Learning Hub: Starter Tools – Learning through Storytelling. [Access here.](#)
- **Play-based learning:** Hooker, R. (2021) Blog post: Positioning ‘play’ purposefully in the adult language learning classroom . [Access here.](#)
- **Experiential learning:** Boston University Centre for Learning & Teaching. What is Experiential Learning? [Access here.](#)
- **Contemplative learning:** Columbia University Centre for Learning and Teaching. Contemplative Pedagogy. [Access here.](#) See contemplative practices tree by The Center for Contemplative Mind in Society [here.](#)
- **Place-based learning:** University of Edinburgh Teaching Matters Blog: Podcast – Place-Based Education (transcript towards bottom of page). [Access here.](#)

For more materials from the workshop or any further questions, please get in touch with
Kathrin Möbius: kmobius@eauc.org.uk