

Teacher information: LEAP and school ground exploration

This material introduces the students to the Learning, Exploring and Activity Path (LEAP) and invites the students to explore their school ground according to the topics of the LEAP, which are

- Water
- Plants / vegetation
- Weather
- Soil

Material P6 is a presentation. It is therefore not included in this file but is available as a separate file (MS Powerpoint) accompanying the PULCHRA Collection of Educational Materials.

The presentation P6 contains a short introduction to the LEAP concept as a series of stations. A slide introduces the list of topics. Here, it is required to make the connection between the topics and to mention the difference between weather (the current meteorological situation) and climate (the long-term average meteorological conditions).

The presentation includes two final slides, which prepare the transition to the next modules (see notes in the presentation). They belong to two different versions of a course suggested in section 2.4.1 of the PULCHRA Handbook of Educational Materials. Since the educational material has a modular concept, the slide can be chosen according to the intended sequence of modules or be skipped in case of other ideas on how to progress in class.

Order of modules:

Version 1 (with field mapping):

P6 (presentation with “final slide 1”) → P12 (mapping) → P29 (theory research questions) → P10 (prescribed research questions) → P11 (site description)

Version 2 (with selection of research questions):

P6 (presentation with “final slide 2”) → P29 (theory research questions) → P7 (site description and development of research questions) → P9 (Selection of research questions)

For more information on the LEAP concept, please refer to the PULCHRA Handbook of Educational Materials, Section 2.2.