

Starting Point Pedagogic Services: Linking Pedagogic Information to Library Resources Across the NSDL

Cathryn A. Manduca, Sean Fox, Ellen Roscoe Iverson & William Bruhler

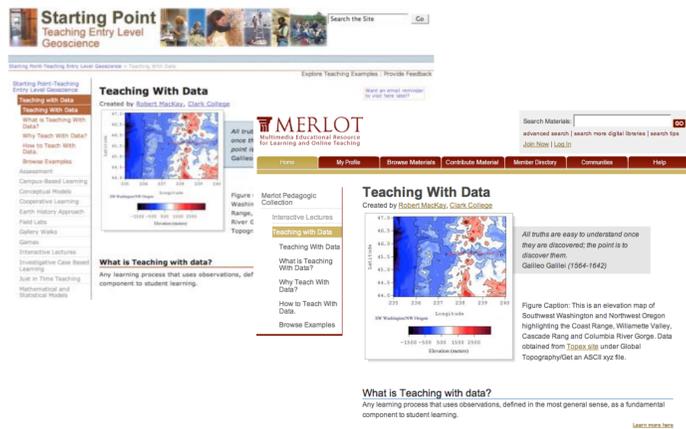


The Starting Point Pedagogic Services project allows institutional and digital library partners to integrate information about effective pedagogy into their websites.

Integrating within partner sites:

Information about effective teaching practices...

- Customization services allow partners to seamlessly integrate pedagogic content into their existing website.
- Partners can draw from, and contribute to, a growing library of pedagogical content: 17 modules, each describing the what, why, and how of a particular teaching method.



...with guidance and tools to engage your community

- Guidance on leading workshops that catalyze community interest in sharing teaching activities.
- Tools that support on-line submission and development of activities and pedagogic information.

Submit an Activity
 This form is for use by SERC partners who are building activity sheets as part of our collaborative work. Filling out this form is the first step in creating an activity sheet.

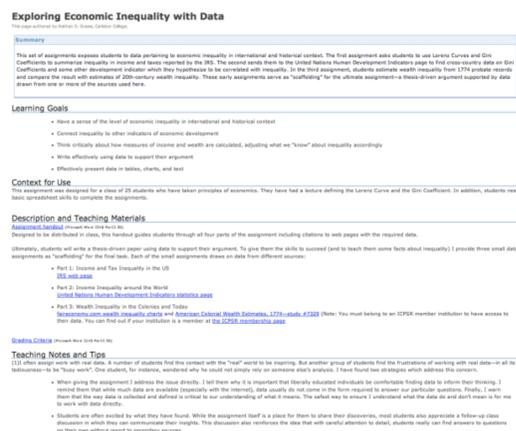
► Show me more about activity sheets
 Contributing Project

Teaching Method



...intimately tied to a customized collection of activities...

- Each pedagogic module includes a collection of teaching activities that exemplify the pedagogy. Partners choose the set of activities most relevant to their audience.
- Pedagogic information, including tips for use and adaptation, intimately linked with each teaching activity, to guide faculty from what they seek to what they need to know.
- Activities draw from and build on existing resources in the partners' collections and serve as a bridge between the partners' collections and pedagogic guidance.



Current Service Partners



CAUSEweb using the service to bring pedagogic information to Statistics educators.

ComPADRE using the service to bring pedagogic information to Physics and Astronomy educators.

Microbial Life using the service to bring pedagogic information to educators and learners with an interest in the microbial world.

Visionlearning using the service to connect pedagogic materials to their innovative science learning modules.

MERLOT using the service to bring pedagogic information to their disciplinary communities.

The Spreadsheets Across the Curriculum project using the service as a framework for sharing their efforts.

Current partners include NSDL funded groups and other science education projects as well as campus-based centers for teaching and learning.

Carleton College and Stanford Centers for Learning and Teaching using the service as a catalyst and dissemination vehicle for campus-based efforts to promote improved pedagogy.

Additionally SERC will launch a Pedagogic Service project with ERESE: Enduring Resources for Earth Sciences Education.

Based on a proven model: <http://serc.carleton.edu/introgeo>

The intellectual model for the pedagogic service portal architecture is described in D-Lib magazine in a paper chosen for the 2006 best paper award by the Geoscience Information Society.
<http://www.dlib.org/dlib/may05/fox/05fox.html>

