National STEM Distributed Learning Pathways: One Library, Many Portals

http://nsdl.org

National STEM Distributed Learning (NSDL) is a program of the National Science Foundation, created to provide exemplary online resources for teaching and learning in science, technology, engineering, and mathematics (STEM) education. NSDL provides an organized point of access to collections of resources and services from contributors representing the best of public and private institutions including universities, museums, commercial publishers, government agencies, and professional societies. NSDL supports STEM teaching and learning at all levels, from elementary to adult, with materials ranging from lesson plans to interactive animations, and from real-time data and technology-based tools to collaborative social networking and blogging services. Resources from NSDL Pathways are available at http://nsdl.org and from individual Pathways portals.

NSDL features Pathways portals that address a range of audience needs

NSDL Pathways portals are...
- Educational level and discipline-specific views of NSDL
- Built by leading organizations trusted by their target audiences
- Provide resources, tools, services, and professional development
- A method for professional organizations to engage and serve their membership communities
- Serve as stewards of content and services for their specific audiences
- Demonstrate the value of NSDL in a variety of educational settings

NSDL Pathways represent the participation of over 90 national organizations, institutions, and societies

To learn more about NSDL Pathways visit: http://nsdl.org/partners/?pager=pathways
By Audience

Teachers' Domain: Life, Earth, Space, & Physical Science K-12
Led by WGBH
http://teachersdomain.org/

By Discipline

ChemEdDL: Chemistry High School to Graduate
Led by the American Chemical Society (ACS) and the Journal of Chemical Education (JCE)
http://www.chemeddl.org/

MatDL: Materials Science Undergraduate to Graduate
Led by Kent State University
http://matdl.org/

Digital Library for Earth System Education K-12 to Undergraduate
Led by NCAR Library
http://dlese.org/

MathDL: Mathematics Undergraduate
Led by the Mathematical Association of America (MAA)
http://mathdl.maa.org/

Climate Literacy & Energy Awareness Network (CLEAN) Middle School to Undergraduate
Led by TERC; CIRES/CU; NOAA; NREL; SERC
In development see http://www.cleanet.org/

Teach the Earth: Geoscience Education High School to Undergraduate
Led by Science Education Resource Center, Carleton College
http://serc.carleton.edu/teachearth/index.html

Teaching with Data: Quantitative Literacy in the Social Sciences High School to Graduate
Led by the University of Michigan
http://www.teachingwithdata.org/

Latest award Oct 2010:

ICPALMS: Pathway for Standards-based Instruction K-12
Led by Florida State University, Learning Systems Institute
http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=1044315