Active Learning – a pathfinder guide to active learning resources
Developed by Roberta (Robin) Sullivan

Scope note

The guides on this pathfinder provide suggested resources for beginning research about active learning. This pathfinder is being developed in conjunction with a National Education Association (NEA) Learning and Leadership grant award. The resources contained within have been selected for those in higher education, although K-12 instructors will also find the information valuable. The resources in this pathfinder will assist instructors to integrate active learning into their teaching environment. This pathfinder has been developed as a resource for University at Buffalo faculty, therefore some of the resources may require signing in using UB authentication.

Introduction to active learning

Introduction to Active/Cooperative Learning. Foundation Coalition. 2001.
http://www.foundationcoalition.org/home/keycomponents/collaborative_learning.html

Active and Cooperative Learning. Jeffrey McConnell. Canisius College. 2005.
http://www-cs.canisius.edu/~mcconnel/active_learning.html

Subject headings in the catalog

LCSH – Active learning, Active learning -- Technique.
Broader term – Learning
See also – Experiential learning
Additional related subject headings – collaborative learning, constructivism (learning), education, experiential learning, learning methods, learning processes, learning strategies, teaching methods, psychology of learning, problem-based learning.

Call numbers for browsing

LA – History of Education
LB – Theory & Practice of Education
LC – Special Aspects of Education

Encyclopedias & dictionaries

Inspiring active learning: a handbook for teachers. Merrill Harmin. Association for Supervision and Curriculum Development. 1994.

Wikipedia. The free encyclopedia article detailing the history and application of active learning theory.
http://en.wikipedia.org/wiki/Active_learning

Progressive Education. Encyclopedia Britannica.
http://www.search.eb.com/eb/article-9061504

Education and Technology: An Encyclopedia. Ann Kovalchick & Kara Dawson. Abc-Clio Inc. 2003.
http://www.abc-clio.com/products/overview.aspx?productid=108700

Teaching Methods. Ronald Gentile. Magill's Encyclopedia of Social Science.
Psychology. January 2003.
http://ublib.buffalo.edu/libraries/reserve/B029566035.PDF

The phrase "active learning" and the specialized Google term "definition" were used to search Google to obtain the definitions contained at the link below.
http://www.google.com/search?hl=en&hs=eyr&lr=&client=firefox-a&rls=org.mozilla:en-US:official&defl=en&q=define:Active+learning&sa=X&oi=glossary_definition&ct=title

Bibliographies
Active Learning Bibliography. Charles Bonwell, et. al. Center for Teaching Enhancement at the University of South Florida. 1989.
http://www.cte.usf.edu/bibs/active_learn/intro2.html
- General Illustrative References.
  http://www.cte.usf.edu/bibs/active_learn/general/bib_general.html
- Index of all Bibliographies
  http://www.cte.usf.edu/bibs/bib_index.html
- Active Learning Bibliography Contents
  http://www.cte.usf.edu/bibs/active_learn/contents.html

This bibliography is extremely extensive and provides varieties of resources organized by disciplines and then further defined by subtopics.

The Active Learning Site ___Bibliographies. Charles Bonwell. 2005.
http://www.active-learning-site.com/bib1.htm

Active Learning in Professional School. Roy Thomas. School of Pharmacy and Pharmaceutical Sciences, University at Buffalo, the State University of New York.
http://wings.buffalo.edu/provost/ctlr/resources/bibliographies/thomas.pdf

Abstracts & indexes
Education Resource Information Center (ERIC). ERIC Project.
http://www.eric.ed.gov/

OAIster. University of Michigan Digital Library Production Service. 2006- .
http://oaister.umdl.umich.edu

PsycINFO. American Psychological Association.
http://www.apa.org/psycinfo/

Psychological Abstracts. American Psychological Association. 1927- .
http://www.apa.org/psycinfo/products/psycabs.html

Research into Higher Education Abstracts. Routledge. 1966- .

Sociology of Education Abstracts. Routledge. 1965- .
http://www.tandf.co.uk/journals/titles/00380415.asp

Internet sources
Active Learning for the College Classroom. Donald R. Paulson & Jennifer L. Faust. California State University
http://www.calstatela.edu/dept/chem/chem2/Active/

Active Learning on the World Wide Web. Bernie Dodge. Department of Educational Technology, San Diego State University.
http://edweb.sdsu.edu/people/bdodge/Active/ActiveLearning.html

Active Learning Site Home Page. Charles Bonwell.
http://www.active-learning-site.com

Active Learning Strategies. Center for Teaching, Learning & Technology. Illinois State University.
http://www.cat.ilstu.edu/additional/active.php

Active Learning Techniques – In-class Activities. Center for Teaching Excellence, Virginia Commonwealth University.
http://www.vcu.edu/cte/activelearningtechniques.html

Active Learning with PowerPoint. Center for Teaching and Learning, University of Minnesota. March 6, 2006.
http://www1.umn.edu/ohr/teachlearn/tutorials/powerpoint

Active Learning Online – Resources. Donna Reiss. Donna Reiss Educational Resources Websites. 2005.
http://www.wordsworth2.net/activelearning

More Active Learning Techniques. Center for Teaching Excellence. University of California Santa Cruz.
http://ic.ucsc.edu/CTE/teaching/tips-actvlearn.html

Scenes From a Classroom: Making Active Learning Work. Center for Teaching and Learning, University of Minnesota. 2006.
http://www1.umn.edu/ohr/teachlearn/tutorials/active/strategies.html

The Web: Design for Active Learning. Campbell, Katy. University of Alberta. Academic Technologies for Learning (ATL). 1998.
http://infomine.ucr.edu/cgi-bin/click_through?127.0.0.1:u:102725:http%3A%2F%2Fwww.atl.ualberta.ca%2Fdocuments%2Farticles%2Factivelearning001.htm

Journals
Active Learning. Computers in Teaching Initiative Support Service. United Kingdom. 1985- .

Active Learning in Higher Education: the Journal of the Institute for Learning and Teaching. Sage Publications Ltd.. 2000- .

Educational Technology. Educational Technology Publications. United States. 1961- .

International Journal on E-learning. Advancement of Computing in Education. United States. 1999- .

Journal of Instructional Psychology. Dr. George E. Uhlig. United States. 1974- .

Journal of Research on Technology in Education. International Society for Technology in Education. United States. 1967- .

Teaching and Teacher Education. Pergamon. United Kingdom. 1985- .

The Teaching Professor. Magna Publications, Madison, WI. 1987- .

Seminal works
101 Ways to Make Training Active. Melvin L. Silberman. Jossey-Bass, Needham Heights, MA. 1996.

Active learning: creating excitement in the classroom. Charles Bonwell & James Eison. School of Education and Human Development, George Washington University. Washington, DC. 1991.

Techniques for Promoting Active Learning. Patricia Cross. League for Innovation in the Community College. Phoenix, AZ. 2003.

Engaging Ideas: The Professor's Guide to Integrating Writing, Critical Thinking, and Active Learning in the Classroom. John C. Bean. Jossey-Bass. 1996.

Active Learning: Cooperation in the College Classroom. David W. Johnson, Roger T. Johnson, and Karl A. Smith. Interaction Book Company, Edina, MN. 1991.

Sociology Through Active Learning: Student Exercises. Kathleen McKinney, Frank Beck, and Barbara Heyl. Pine Forge Press. Illinois State University, Normal, Illinois. 2000.

Promoting active learning: strategies for the college classroom. Chet Meyers. Thomas B. Jones. Jossey-Bass, San Francisco, CA. 1993.

Designs for active learning: a sourcebook of classroom strategies for information education. Gail Gradowski & Loanne Snavely. The Association, Chicago. 1998.

Inspiring active learning: a handbook for teachers. Merrill Harmin. Association for Supervision and Curriculum Development, Alexandria, Va. 1994.

Active learning: 101 strategies to teach any subject. Melvin L. Silberman. Allyn and Bacon, Boston. 1996.

Conferences & seminars
Active Learning: Creating Excitement in the Classroom
SUNY Conference on Teaching & Learning, presented by the SUNY Training Center and University at Buffalo's Center for Teaching and Learning Resources.
http://www.tc.suny.edu/ubspring07/welcome.html

UPEI Faculty Development Summer Institute on Active Learning and Teaching
Centre for Life-Long Learning, University of Prince Edward Island, Charlottetown, Prince Edward Island, Canada.
http://www.upei.ca/extension/FDSInstitute.htm

Associations
American Educational Research Association (AERA)
Educators and behavioral scientists interested in the development, application, and improvement of educational research.
http://www.aera.net

International Movement Towards Educational Change (IMTEC)
Universities and colleges active in educational reform and individuals working in educational development. Facilitates improvement in education and training throughout the world.
http://www.imtec.org

National Education Association (NEA)
NEA is an American organization committed to advancing the cause of public education.
http://www.nea.org/

Society for Advancement of Games and Simulation in Education and Training (SAGSET)

Encourages and supports the development of gaming, simulation and other forms of active learning in all aspects of education.
http://www.simulations.co.uk/sagset