

EDUCATION

Following is some general information about resources and tools to assist researchers in the field of Education. This is just a sampling of what the Quimby Library has in its collection.

FINDING BOOKS

The library's holdings are best accessed through Minerva, our online catalog. This system can be searched by author, title, subject heading, or key word. Help in using the system is available online and at the reference/circulation desk. The library catalog [<http://minerva.maine.edu/search~S96>] can be accessed from the library as well as your home or office via the internet.

The library holdings are arranged by the Library of Congress classification system and uses Library of Congress subject headings. Examples of possible subjects include:

Active learning; Children with disabilities – Education; Classroom learning centers; Classroom management; Cognitive styles; Constructivism (Education); Critical thinking; Curriculum change; Curriculum evaluation; Curriculum planning; Direct instruction; Education – Aims and objectives; Education – Curricula; Education – Research; Education, Higher; Education, secondary; Educational accountability; Educational evaluation; Educational innovations; Educational planning; Educational sociology; Educational technology; Educational tests and measurements; Effective teaching; Environmental education; Experiential learning; First year teachers; Individualized instruction; Interdisciplinary approach in education; Internet in education; Laboratories – Curricula; Learning; Mathematics – Study and teaching; Mathematics teachers – Training of; Mixed ability grouping in education; Motivation in education; Outdoor education; Perceptual learning; Problem-based learning; Questioning – Handbooks, manual, etc.; Remedial teaching; School management and organization; Science – Study and teaching (Secondary); Science teachers – Training of; Special education; Study skills; Teacher effectiveness; Teaching; Teaching teams; Team learning approach in education; Time management

BOOKS

The art of teaching / Jay Parini **LA2317.P335 A3 2005**

The art of teaching science : inquiry and innovation in Middle School and High School / Jack Hassard.
Q181 .H156 2005

Assessing student understanding in science : a standards-based K-12 handbook / S.K. Enger, R.E. Yager.
LB1585.3 .E53 2001

Creating e-portfolios using PowerPoint : a guide for educators / by K. Montgomery and D. Wiley.
LB1029.P67 M66 2004

Classroom instruction that works : research-based strategies for increasing student achievement / R.J. Marzano, D.J. Pickering, J.E. Pollock. **LB1025.3 .M339 2001**

A classroom of her own : how new teachers develop instructional, professional, and cultural competence / Dana Haight Cattani. **LB2844.1.N4 C38 2002**

Critical pedagogy : notes from the real world / Joan Wink. **LC196.5.U6 W54 2005**

Curriculum webs : a practical guide to weaving the Web into teaching and learning / C.A. Cunningham, M. Billingsley. **LB1044.87 .C86 2003**

Doing honest work in college : how to prepare citations, avoid plagiarism, and achieve real academic success / Charles Lipson. **PN171.F56 L56 2004**

Educating teachers of science, mathematics, and technology : new practices for the new millennium / Committee on Science and Mathematics Teachers Preparation, Center for Education, National Research Council. **Q183.3.A1 E39 2001**

Educating the net generation [electronic resource] / D.G. Oblinger, J.L. Oblinger, editors.

http://www.educause.edu/content.asp?page_id=5989&bhcp=1

Exemplary science in grades 9-12 : standards-based success stories / R.E. Yager, editor. **Q181 .E85 2005**
Help! I'm teaching middle school science / by C.J. Swango and S.B. Steward. **LB1585.3 .S93 2002**
How students learn : history, mathematics, and science in the classroom / Committee on How People Learn, A Targeted Report for Teachers ; M.S. Donovan and J.D. Bransford, eds **LB1060 .N38 2005.**
Learning styles and inclusion / Gavin Reid **LB1060 .R45 2005**
NSTA pathways to the science standards : guidelines for moving the vision into practice / eds, J. Texley, A. Wild. Pathways to the science standards. **Q181 .P3384 2004**
Preparing mathematics and science teachers for diverse classrooms : promising strategies for transformative pedagogy / eds A.J. Rodriguez, R.S. Kitchen. **QA13 .P72 2005**
Qualities of effective teachers / James H. Stronge. **LB1025.3 .S789 2002**
Rubrics for assessing student achievement in science grades K-12 / H.B. Lantz, Jr. ; **LB1585.3 .L36 2004**
Science curriculum topic study : bridging the gap between standards and practice / Page Keeley ; foreword by Harold Pratt. **Q183.3.A1 K44 2005**
Standards for accreditation / Commission on Institutions of Higher Education.
REF LB2331.615 .U62 N4 2005
Succeeding with standards : linking curriculum, assessment, and action planning / J.F. Carr and D.E. Harris.
LB3060.83 .C37 2001
Taking sides : Clashing views on controversial educational issues / selected, edited and with introductions by J.W. Noll. **LA217.2 .T35 2003**
Teaching 101 : classroom strategies for the beginning teacher / Jeffrey Glanz. **LB2844.1.N4 G53 2004**
Teaching as decision making : successful practices for the secondary teacher / G. M. Sparks-Langer ... [et al.].
LB1607.5 .T43 2004
Writing better : effective strategies for teaching students with learning difficulties / by Steve Graham and Karen R. Harris. **LB1576 .G7254 2005**

Digital Book Index <http://www.digitalbookindex.com/about.htm>

National Academy Press (Full text of over 3000 titles) <http://books.nap.edu/index.html>

FINDING JOURNAL ARTICLES AND CONFERENCE REPORTS

The following abstracting/indexing databases will help you find published non-book literature.

Academic Search Complete (EBSCOhost) <http://libraries.maine.edu/mainedatabases/authmaine.asp?db=asc>

ERIC (EBSCOhost) <http://search.ebscohost.com/login.aspx?authtype=ip&profile=ehost&defaultdb=eric>

Teacher Reference Center (EBSCOhost) <http://www.teacherreference.com>

JOURNALS/E-JOURNALS – a sampling

American Journal of Education <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=JRD>

Applied environmental education and communication

Bioscience Education Electronic Journal <http://bio.ltsn.ac.uk/journal/index.htm>

CBE – Life Science Education <http://www.lifescied.org/>

Chronicle of Higher Education

Education <http://search.ebscohost.com/login.aspx?direct=true&db=aph&jid=EDU&site=ehost-live>

Education Digest

Education Journal <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=F94>

Education Review <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=HVE>

Educational Assessment <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=7LS>

Educational Philosophy & Theory <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=54L>

Educational Studies in Mathematics <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=ESM>

Electronic Journal of Science Education <http://unr.edu/homepage/jcannon/ejse/ejse.html>

Environmental Health Perspectives – Student edition <http://www.ehponline.org/science-ed/>

Journal of Biological Education <http://search.epnet.com/direct.asp?jid=JBI&db=aph>

Journal of Curriculum Studies <http://search.epnet.com/direct.asp?jid=B9J&db=aph>
Journal of Education for Teaching: International Research and Pedagogy
<http://search.epnet.com/direct.asp?jid=JEF&db=aph>
Journal of Environmental Education
Journal of Experiential Education
Journal of Learning Disabilities
Journal of Research in Rural Education <http://www.umaine.edu/jrre/>
Journal of Statistics Education <http://www.amstat.org/publications/jse/>
Mathematical Thinking & Learning
<http://search.ebscohost.com/login.aspx?direct=true&db=aph&jid=7ML&site=ehost-live>
Natural Inquirer (print and online) <http://naturalinquirer.usda.gov>
Pedagogy <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=L1U>
PJE: Peabody Journal of Education <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=7MT>
Science Activities <http://search.ebscohost.com/login.aspx?direct=true&db=aph&jid=SAC&site=ehost-live>
Science Teacher
Teacher Magazine <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=TMG>
Teachers & Teaching <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=55E>

For a complete list of our journal holdings go to: <http://www.unity.edu/library/periodicals.asp>

VIDEOS/DVDs

The 7 habits of highly ineffective educators / written and performed by the comedy ensemble Wavelength ; video director, Bob Hercules. **VIDEO 371.102 Se823**
Accommodating different learning styles [videorecording] / writer/producer, Matthew Lovering ; Video Education Australasia. **DVD 370.15 Ac271**
ADHD & LD, powerful teaching strategies and accommodations. **VIDEO 371.9 Ad41**
Effective instructional strategies / produced by AIT, Agency for Instructional Technology. **VIDEO 371.5 Ef36**
Effective strategies for improving discipline / Instructivision, Inc. and the National Association of Secondary School Principals in collaboration with Research for Better Schools present Inservice Video Network. **DVD 371.5 Ef363**
The flickering mind : the false promise of technology in the classroom and how learning can be saved / Todd Oppenheimer **LB1028.3 .O555 2003**
How change happens : breaking the "Teach as you were taught" cycle in science and math / Films for the Humanities & Sciences. **VIDEO 507 H830**
How teaching styles affect classroom management / Universal Dimensions, Inc. ; produced & directed by Kay Battista. **VIDEO 371.5 H830**
Inventing the future : the K-16 connection in science / produced, written and directed by Jamil Simon. **VIDEO 507 In89**
Learning to think well : quality control in teaching : videotape proceedings of the International Conference on Critical Thinking and Educational Reform / presented by the Center for Critical Thinking & Moral Critique, in concert with Sonoma State University. **VIDEO 153.42 L479**
Misunderstood minds : understanding kids who struggle to learn / a co-production of the Kirk Documentary Group, Ltd. and WGBH/Boston. **VIDEO 371.9 M69**
Motivating students to think critically by teaching for discovery / The Center for Critical Thinking & Moral Critique in concert with Sonoma State University. **VIDEO 153.42 M857**
Teaching thinking : what every teacher should know / [presented by] Instructivision, Inc. and the National Association of Secondary School Principals in collaboration with Research for Better Schools ; producer, Mark Abney. **DVD 153.42 T220**
Techniques for teaching critical thinking Tape 1, How to ask questions that encourage cognitive critical thought. **VIDEO 153.42 T226**
Using classroom assessment to guide instruction **VIDEO 371.26 Us41** (4 parts)

ASSOCIATIONS/SOCIETIES/FOUNDATIONS

AIMS Education Foundation (Activities Integrating Mathematics & Science) <http://www.aimsedu.org/>
Association for Experiential Education <http://www.aee.org/>
The Association for Science Teacher Education <http://aste.chem.pitt.edu/>
Association for Supervision and Curriculum Development <http://www.ascd.org/>
The Educational Foundation of America <http://www.efaw.org/>
Environmental Education and Training Partnership (EETAP) <http://www.eetap.org/>
International Association for the Evaluation of Educational Achievement <http://www.iea.nl/>
International Society for Exploring Teaching and Learning <http://www.isetl.org/>
Maine Environmental Education Association <http://www.meeassociation.org/>
National Association of Biology Teachers <http://www.nabt.org/>
National Council of Teachers of Mathematics <http://www.nctm.org/>
National Environmental Education & Training Foundation (NEETF) http://www.neetf.org
National Marine Educators Association <http://www.marine-ed.org/>
National Middle Level Science Teachers Association <http://www.nmlsta.org/>
National Science Education Leadership Association <http://www.nsela.org/>
National Science Teachers Association <http://www.nsta.org/>
North American Association for Environmental Education <http://www.naaee.org/>

WEB SITES

ActionBioscience.org : an education resource of the American Institute of Biological Sciences
<http://www.actionscience.org/> [free registration required]
AmoebaWeb: psychology on the web <http://www.vanguard.edu/faculty/ddegelman/amoebaweb/>
BioEd Online: biology teacher resources <http://www.bioedonline.org/>
Center for Environmental Education <http://www.cceonline.org/>
Digital Video Library. Digital videos materials supporting science, technology, engineering, and mathematics
(STEM) education reform <http://www.hsdl.org/>
EarthOCEAN [educational documentary programs] <http://earthocean.tv>
EPN: The Education Podcast Network <http://epnweb.org/index.php>
Eisenhower National Clearinghouse for Mathematics and Science Education <http://www.goenc.com/>
Encyclopedia of Educational Technology <http://coe.sdsu.edu/eet/admin/index.htm>
Encyclopedia of life <http://www.eol.org/>
Inspiring Teachers. [targets new teachers] <http://www.inspiringteachers.com/>
Kathy Schrock's Guide for Educators <http://school.discovery.com/schrockguide/index.html>
Learningscience.org A free and open learning community for sharing newer and emerging tools to teach
science. <http://learningscience.org>
Math Archive <http://archives.math.utk.edu/k12.html>
MERLOT: Multimedia Educational Resource for Learning and Online Teaching
<http://www.merlot.org/merlot/index.htm>
National Center for Case Study Teaching in Science <http://ublib.buffalo.edu/libraries/projects/cases/case.html>
National Science Digital Library <http://nsdl.org/>
Praxis Homepage <http://www.ets.org>
Project Learning Tree: a program of the American Forest Foundation <http://www.plt.org/>
Project Wild <http://www.projectwild.org/>
ScienceNOW: the latest news headlines from the scientific world <http://sciencenow.sciencemag.org/>
Skewl Sites : The best of educational web sites <http://www.skewlsites.com/>
TeacherLingo : an educational community to connect teachers from every level <http://www.teacherlingo.com/>
Understanding Science: how science really works <http://undsci.berkeley.edu/>
What to expect your first year of teaching (Sept. 1998) <http://www.ed.gov/PDFDocs/whatexpect.pdf>

GOVERNMENT SITES

Doing What Works [research-based educational practices] <http://dww.ed.gov/>

FREE-Federal Resources for Educational Excellence <http://www.free.ed.gov/>
Maine State Department of Education <http://www.state.me.us/education/>
NCES (National Center for Education Statistics) on the web <http://nces.ed.gov>
Teachers (Library of Congress) <http://www.loc.gov/teachers/>
U.S. Department of Education <http://www.ed.gov/index.html>
U.S. EPA, Office of Environmental Education <http://www.epa.gov/enviroed/>
USA.gov The U.S. Government's official web portal <http://www.usa.gov/>

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