

Mathematics Education Websites

If you have any math related websites that you would like to add, please contact Peter Appelbaum at appelbap@arcadia.edu Thanks!!!

Movies / TV Shows

Conferences / Events

Research on Math Education

Journals / Articles

Math Education Organizations

Arcadia University Resources

Teaching Resources

String Figures

Kente / African Fractals

Puzzles, Tricks, Games

Projects

Juggling

Origami

Sewing / Quilting / Knitting

Kites / Paper Airplanes

Robots / Robotics

Cool Math People

Movies / TV Shows:

Math in the Movies: <http://world.std.com/~reinhold/mathmovies.html>

Numb3rs: <http://www.cbs.com/primetime/numb3rs/>

Monk: <http://www.usanetwork.com/series/monk/>

Beakman's World: <http://www.geocities.com/TelevisionCity/Set/4567/>

Pi: <http://www.pithemovie.com/>

Enigma: <http://imdb.com/title/tt0157583/>

A Beautiful Mind: <http://www.abeautifulmind.com/main.html>

Good Will Hunting: <http://www.un-official.com/GWH/GWMain.html>

21 Grams: <http://imdb.com/title/tt0315733/>

The Butterfly Effect: <http://imdb.com/title/tt0289879/>

The Cube: <http://imdb.com/title/tt0123755/>

Hypercube: <http://imdb.com/title/tt0285492/>

Science Friday: <http://www.sciencefriday.com/>

Teaching Resources:

National Library of Virtual Manipulatives: <http://enlvm.usu.edu/ma/nav/doc/intro.jsp>

NCTM Illuminations: <http://illuminations.nctm.org/>

Tools for Understanding: <http://www2.ups.edu/community/tofu/home.htm>

The Algebra Project: <http://www.algebra.org/index.html>

Eisenhower National Clearinghouse: <http://www.goenc.org/>
<http://www.ed.gov/PressReleases/10-1999/mathpanel.html>

Teaching with Original Historical Sources in Mathematics:
<http://www.math.nmsu.edu/~history/>

Mathematically Sane: <http://mathematicallysane.com/home.asp>

Mathematical Fiction: <http://math.cofc.edu/faculty/kasman/MATHFICT/default.html>

“The Guide” to math and science reform: <http://www.learner.org/>

Show Me Center: <http://showmecenter.missouri.edu/>

Math Forum: Problems of the Week: <http://mathforum.org/pow/>

MegaMathematics: <http://www.c3.lanl.gov/mega-math/menu.html>

Platonic Realms: <http://www.mathacademy.com/pr/index.asp>

Maths and Assessment: <http://www.shambles.net/pages/learning/MathsP/mathassess/>

Math Archives: <http://archives.math.utk.edu/k12.html>

Bridges: Mathematical Connections in Art, Music and Science:
<http://www.bridgesmathart.org/>

NCTM Illuminations: <http://illuminations.nctm.org/>

Math Central: <http://www.eduplace.com/math/mathcentral/index.html>

Canadian Mathematics Education Resources: <http://www.math.ca/Education/>

World's Largest Math Event: <http://www.mathaware.org/index.html>

Nrich Mathematics Enrichment Club: <http://nrich.maths.org/public/>

POP Mathematics: <http://archives.math.utk.edu/popmath.html>

Fermi Problems: http://www.vendian.org/envelope/dir0/fermi_questions.html
<http://www.jlab.org/~cecire/garden/fermiprob.html>

Math WebQuests: <http://www.wfu.edu/~mccoyn/NCTM99/>

Math Forum at Drexel: <http://mathforum.org/te/index.html>

Math Terms in Spanish: http://www.mathnotes.com/aw_span_gloss.html

Mathematics Equals Opportunity: <http://www.ed.gov/pubs/math/index.html>

Ethnomathematics on the Web: <http://www.rpi.edu/~eglash/isgem.dir/links.htm>

The Geometry Center: <http://www.geom.uiuc.edu/>

River Deep Interactive Learning:
http://www.riverdeep.net/portal/page?_pageid=336.1&_dad=portal&_schema=PORTAL

TI-Calculator Homepage: <http://www.ticalc.org/>

Key Curriculum Press: <http://www.ticalc.org/>

University of Chicago Mathematics Project: <http://social-sciences.uchicago.edu/ucsmp/>

TERC – Math and Science Education: <http://www.terc.edu/>

Math Solutions Professional Development: <http://www.mathsolutions.com/>

Connected Mathematics Project: <http://connectedmath.msu.edu/>

MMAP (Middle School Mathematics through Applications Program:
<http://mmap.wested.org/>

Core Plus Mathematics: <http://www.wmich.edu/cpmp/index.html>

Interactive Mathematics Program (IMP): <http://www.mathimp.org/>

Math Maven's Mysteries: <http://teacher.scholastic.com/maven/index.htm>

Idea-a-Day: <http://www.idea-a-day.com/>

Mathematical Moments: <http://www.ams.org/ams/mathmoments.html>

Ensuring Equality and Excellence in Mathematics:

<http://www.ncrel.org/sdrs/areas/issues/content/entareas/math/ma100.htm>

PBS Kids Cyberchase: <http://pbskids.org/cyberchase/>

- [String Figures:](#)

<http://www.isfa.org/>

http://www.frontiernet.net/~steve_glimpse/

<http://www.darsie.net/string/>

<http://website.lineone.net/~m.p/sf/menu.html>

<http://www.isfa.org/isfa5.htm>

http://www.uen.org/utahlink/activities/view_activity.cgi?activity_id=6056

- [Kente / African Fractals:](#)

<http://www.nmfa.si.edu/exhibits/kente/top.htm>

<http://www.rpi.edu/~eglash/eglash.dir/afactal/afactal.htm>

<http://home.comcast.net/~patternblock/>

- [Puzzles, Tricks, Games:](#)

<http://www.cut-the-knot.org/index.shtml>

<http://www.figurethis.org/index.html>

<http://www.csun.edu/~hcmth014/comics.html>

<http://archives.math.utk.edu/popmath.html>

<http://www.setgame.com/>

http://www.vendian.org/envelope/dir0/fermi_questions.html

<http://www.jlab.org/~cecire/garden/fermiprob.html>

- <http://home.comcast.net/~patternblock/>
- [Projects:](#)
 - <http://www.sodaplay.com/>
 - http://k1.ioe.ac.uk/playground/frame_f.htm
 - <http://billnye.com/>
 - <http://www.wfu.edu/~mccoy/NCTM99/>
 - <http://home.comcast.net/~patternblock/>
- [Juggling:](#)
 - <http://www.free-dome.org/orr/PassingPage/Personal/links.htm>
 - http://www.cincyclubclub.com/juggling_links.html
- [Origami:](#)
 - <http://www.origami.com/index.html>
 - <http://www.origami-usa.org/>
 - <http://origami.ousaan.com/>
- [Sewing / Quilting / Knitting:](#)
 - <http://sewing.about.com/>
 - <http://home.att.net/~susanBinKC/cornucop/qlnktop.html>
 - <http://art-smart.ci.manchester.ct.us/fiber-quilts/fiber-af-am-quilts/fiber-af-am-quilts-intro.html>
 - <http://www.camillavalleyfarm.com/other/links.htm>
- [Kites / Paper Airplanes:](#)
 - http://coda.co.za/kites_and_kite_flying/home.html
 - <http://www.kitepower.com/links.html>
 - <http://www.zurqui.co.cr/crinfocus/paper/air-enlace.html>

<http://www.cdli.ca/CITE/paper.htm>

<http://www.kidsturncentral.com/links/airplanelinks.htm>

<http://www.cyberbee.com/paper.html>

- **Robots / Robotics:**

<http://www.kipr.org/>

<http://www.botball.org/>

<http://mindstorms.lego.com/>

<http://www.crynwr.com/lego-robotics/education.html>

http://www.ercim.org/publication/Ercim_News/enw53/muellerburg.html

<http://www.cs.cmu.edu/~roboed/>

Conferences / Events:

CIEAEM Conferences: <http://www.uhu.es/gmmrm/>

Bridges: Mathematical Connections in Art, Music and Science:

<http://www.bridgesmathart.org/>

NCTM Eastern Regional Conference, Baltimore:

<http://mathdl.maa.org/convergence/1/?pa=content&sa=viewDocument&nodeId=414>

NCTM Annual Meeting comes to Philly:

<http://www2.edc.org/thinkmath/presentations.htm>

10th International Conference on Math Ed, Denmark:

<http://www.crme.soton.ac.uk/annualreps/report2004.html>

International Conference on Math and its Applications:

<http://www.cityu.edu.hk/rcms/ICMA2004/>

World's Largest Math Event: <http://www.mathaware.org/index.html>

Mathematics Education and Society – Conference 2005:

<http://www.griffith.edu.au/conference.mes2005>

Mathematics Education and Society Conference: <http://www.mes3.learning.aau.dk/>

Research on Math Education:

The Shell Centre, University of Nottingham: <http://www.mathshell.com/>

Research for Better Schools: <http://www.rbs.org/> and <http://images.rbs.org/>

Mathematically Sane: <http://mathematicallysane.com/home.asp>

European Research in Mathematics Education:

<http://www.fmd.uni-osnabrueck.de/ebooks/erme/cerme1-proceedings/cerme1-proceedings-1-v1-0-2.pdf>

History of Math Archives: <http://www-groups.dcs.st-and.ac.uk/~history/>

MathWorld: <http://mathworld.wolfram.com/>

International Study Group on Ethnomathematics:

<http://www.rpi.edu/~eglash/isgem.dir/links.htm>

Mathematics Education into the 21st Century Project: <http://publish.edu.uwo.ca/cmesc/>

University of Chicago Mathematics Project: <http://social-sciences.uchicago.edu/ucsmp/>

TERC – Math and Science Education: <http://www.terc.edu/>

Connected Mathematics Project: <http://connectedmath.msu.edu/>

MMAAP (Middle School Mathematics through Applications Program:

<http://mmap.wested.org/>

Trends in International Mathematics and Science Study (TIMSS):

<http://nces.ed.gov/pubs2003/timssvideo/>

Mathematics Assessment Resource Service:

<http://www.nottingham.ac.uk/education/MARS/>

Journals / Articles:

Women in Mathematics: <http://www.agnesscott.edu/lriddle/women/women.htm>

The Association for Women in Mathematics: <http://www.awm-math.org/>

For the Learning of Mathematics: <http://flm.educ.ualberta.ca/>

Teaching with Original Historical Sources in Mathematics:
<http://www.math.nmsu.edu/~history/>

The Nature of Proof in Today's Classrooms:
<http://www.montanamath.org/TMME/TMMEv1n2brev2.pdf>

Studio 360 Numbers: <http://www.studio360.org/yore/show041302.html>

Educational Studies in Mathematics: <http://www.springerlink.com/content/102875/>

Encouraging Mathematical Thinking: <http://mathforum.org/brap/wrap/>

Moving from Telling to Listening in Math:
<http://www.phenomenologyonline.com/articles/davis.html>

MegaMathematics: <http://www.c3.lanl.gov/mega-math/menu.html>

Platonic Realms: <http://www.mathacademy.com/pr/index.asp>

N'rich Mathematics Enrichment Club: <http://nrich.maths.org/public/>

Math in Daily Life: <http://www.learner.org/exhibits/dailymath/>

Number Watch: <http://www.numberwatch.co.uk/>

Math Forum at Drexel: <http://mathforum.org/te/index.html>

Mathematics Equals Opportunity: <http://www.ed.gov/pubs/math/index.html>

Ethnomathematics on the Web: <http://www.rpi.edu/~eglash/isgem.dir/links.htm>

International Study Group on Ethnomathematics:
<http://www.rpi.edu/~eglash/isgem.dir/links.htm>

The Geometry Center: <http://www.geom.uiuc.edu/>

University of Chicago Mathematics Project: <http://social-sciences.uchicago.edu/ucsmp/>

Open Secrets: <http://www.opensecrets.org/>

Idea-a-Day: <http://www.idea-a-day.com/>

Ensuring Equity and Excellence in Mathematics:

<http://www.ncrel.org/sdrs/areas/issues/content/ntareas/math/ma100.htm>

Weaving Gender Equity into Math Reform: <http://wge.terc.edu/>

Math Medley: http://www.webct.com/math/viewpage?name=math_medley

Breaking Away from the Math Book: <http://www.math.nmsu.edu/~breakingaway/>

Math Education Organizations:

National Council of Teachers of Mathematics: <http://www.nctm.org/>

Pennsylvania Council of Teachers of Mathematics: <http://www.pctm.org/index.html>

Pennsylvania Department of Education: Mathematics:

http://www.pde.state.pa.us/math/site/default.asp?g=0&c_and_iNav=|3161|

Association of Mathematics Teachers of New Jersey: <http://www.amtnj.org/>

New Jersey Mathematics Coalition: http://dimacs.rutgers.edu/nj_math_coalition/

New Jersey Mathematics Curriculum Framework:

http://dimacs.rutgers.edu/nj_math_coalition/

Research Council on Mathematics Learning: <http://www.unlv.edu/RCML/>

Association of Teachers of Mathematics: <http://www.atm.org.uk/>

Australian Association of Mathematics Teachers: <http://www.aamt.edu.au/>

Canadian Mathematics Education Study Group: <http://publish.edu.uwo.ca/cmescg/>

TERC – Math and Science Education: <http://www.terc.edu/>

Mathematical Moments: <http://www.ams.org/ams/mathmoments.html>

Cool Math People:

John Allen's Homepage: <http://www.math.temple.edu/~paulos/>

Clifford Pickover: <http://sprott.physics.wisc.edu/pickover/home.htm>

Ian Stewart: <http://members.aol.com/istewjoat/homepage.html>

Penrose's Corner: <http://www.mathproductsplus.com/Penrose.html>

Martin Gardner: Gathering for Gardner: <http://www.g4g4.com/> and
<http://www.csicop.org/si/9803/gardner.html>

Dennis Shasha: <http://www.cs.nyu.edu/cs/faculty/shasha/>

Marilyn Burns Math Solutions: <http://www.mathsolutions.com/>

Paul Ernest and the Philosophy of Mathematics Education Journal:
<http://www.people.ex.ac.uk/PErnest/>

Valerie Walkerdine Trading Card: <http://www.theorycards.org.uk/card23.htm>

Arcadia University Resources:

Department of Math Education:
<http://gargoyle.arcadia.edu/appelbaum/matheduc/arcdiamathed.htm>

Department of Education: <http://www.arcadia.edu/academic/default.aspx?id=4230>

Math in the News Projects: <http://gargoyle.arcadia.edu/appelbaum/newsproject.htm>

Department of Mathematics and Computer Science:
<http://gargoyle.arcadia.edu/mathcs/index.asp>

*** This collection of websites was organized by Bernadette Bacino, Graduate Student at
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