

光碟與網址

以下是一些有關數學教學的光碟、軟件及互聯網網站的資料，供教師參考。

CD ROM 光碟

教育署

立體圖形的秘密

教育署

七巧板

香港科技大學

如何應用 Wingeom、Winplot 及 Sketchpad 於教學上

History of Mathematics 數學歷史

Fred Rickey's Home Page:

ernie.bgsu.edu/~vrickey/

History of Mathematics Home Page:

aleph0.clarku.edu/~djoyce/mathhist/

History of Mathematics Page :

gauss.stmarys-ca.edu/History/history.html

MacTutor History of Mathematics Archive:

www-history.mcs.st-and.ac.uk/~history/

Hongkong Teachers or Researchers' Homepages 香港教師或研究員網頁

Mr CHENG Wing-kuen's Homepage (*):

home.netvigator.com/~wingkei9/

Mr LAM Mau-kwan Thomas's Homepage (*):

home.hkstar.com/~maukwan/index.htm

Mr LEE Pak-leung's Homepage (*):

home.netvigator.com/~leeleung

Mr Arthur M.S. Lee's Homepage (*):

sr10.xoom.com/msalee/

Mr Teddy Lee's Homepage (*):

i.am/leeteddy

Dr Allen Yuen's Homepage:

educ2.hku.hk/~hkyuen/

Links & Hotlists 聯繫

Center for Innovation in Mathematics Teaching :

www.ex.ac.uk/cimt/

Hotlist: Mathematics:

sln.fi.edu/tfi/hotlists/math.html

Internet Resources for Science and Mathematics Education:

www.inform.umd.edu/EdRes/Topic/Mathematics/

K-12: Mathematics:

[classweb.gatech.edu/courses/iac/pubpol/simama/projects/fladipo/
instructmat.html](http://classweb.gatech.edu/courses/iac/pubpol/simama/projects/fladipo/instructmat.html)

Mathematics Archives WWW Server:

archives.math.utk.edu/

Mathematics Information Servers:

www.math.psu.edu/MathLists/Contents.html

World-Wide Web Virtual Library: Mathematics:

euclid.math.fsu.edu/Science/math.html

Yahoo: Mathematics:

search.yahoo.com/bin/search?p=mathematics

Mathematical Organizations 數學組織

American Mathematical Society:

e-math.ams.org

American Mathematics Competitions:

www.unl.edu/amc/

Australian Mathematics Trust:

www.amt.canberra.edu.au/

香港數學教育學會

www.fed.cuhk.edu.hk/~fllee/mathfor/hkame.html

HKIED:

www.ied.edu.hk/math/main.htm

ICMI:

elib.zib-berlin.de/imu.comm.icmi

International Mathematics Olympiad (IMO)

<http://olympiads.win.tue.nl/imo/>

Institute of Mathematics and its Applications:

www.ima.org.uk

Mathematical Association of America:

www.maa.org/

Mathematical Association of Victoria:

www.mav.vic.edu.au/

Mu Alpha Theta:

www.mualphatheta.org

National Council of Teachers of Mathematics:

www.nctm.org/

Shell Centre for Mathematical Education:

www.nottingham.ac.uk/csme

Periodicals 雜誌

Function:

www.maths.monash.edu.au/~cristina/function.html

Mathematical Spectrum:

www.shef.ac.uk/uni/companies/apt/ms.html

Quantum:

www.nsta.org:80/quantum/

Frequently Asked Questions in Mathematics:

www.cs.unb.ca/~alopez-o/math-faq/index.html

Geometry Center:

www.geom.umn.edu/

Largest Known Primes:

www.utm.edu/research/primes/largest.html

Math Forum:

www.forum.swarthmore.edu/

MathMagic!:

forum.swarthmore.edu/mathmagic

NCTM Standards:

standards.nctm.org

On-Line Encyclopedia of Integer Sequences:

www.research.att.com/~njas/sequences

OSU Mathematics Education Center:

www.math.okstate.edu/archives/

PBS Mathline:

www.pbs.org/mathline/

Tenth Planet:

www.tenthplanet.com/

Publishers 出版社

九章出版社:

ccmp.tacomall.com.tw

Brooks/Cole:

www.brookscole.com/brookscole.html

Cambridge University Press:

uk.cambridge.org

Houghton Mifflin:

www.hmco.com/

International Thomson Publishing:

www.tcisoft.com

John Wiley:

www.wiley.com/

Key Curriculum Press:

www.keypress.com/

Kluwer Academic Publishers:

www.wkap.nl/

MathPro:

www.mathpro.com/math/

Springer-Verlag:

www.springer.de/welcome.html

Software 軟體

Cabri Geometry II:

www.ti.com/calc/docs/cabri.htm

Calculus & Mathematica:

www-cm.math.uiuc.edu/

GAMS : Guide to Available Mathematical Software:

gams.nist.gov

Graphmatica:

www8.pair.com/ksoft/

Geometer's Sketchpad:

www.keypress.com/sketchpad/index.html

MathSoft:

www.mathsoft.com/

MathType:

www.mathtype.com/mathtype

Peanut Software (*):

www.exeter.edu/~rparris

SureMath:

www.suremath.com/suremath/

TELOS:

www.telospub.com/index.html

Waterloo Maple:

www.maplesoft.on.ca

Wolfram Research:

www.wri.com/

Probability & Statistics 概率與統計

CHANCE:

www.geom.umn.edu/docs/snell/chance/

Chance and Data in the News

www.ni.com.au/mercury/mathguys/mercindx.htm

CTI Statistics:

www.stats.gla.ac.uk/cti/

Data Desk:

www.datadesk.com/datadesk/

Discuss – Discovering Important Statistical Concepts Using Spreadsheets

home.edu.coventry.ac.uk/Volume/

Introduction to Statistics:

glass.ed.asu.edu/stats/

Introductory Statistics: Concepts, Models, and Applications

www.psychstat.smsu.edu/sbk00.htm

Journal of Statistics Education:

www.amstat.org/publications/jse/

Minitab:

www.minitab.com/

MISD DOE Project:

www.macomb.k12.mi.us/math/web1.htm

Resources for Teaching Statistics:

seamonkey.ed.asu.edu/~behrens/teach/teach.stat.home.html

Geometry 幾何

Cabri Geometry

www.ti.com/calc/

Geometric constructions: Teachers' training in Taiwan

poncelet.math.nthu.edu.tw/chuan/99s/

Key Curriculum Press : The Geometer' s Sketchpad 3

www.keypress.com/product_info/sketchpad3.html

The Geometry Center

www.geom.umn.edu

Pythagoras Theorem(*)

www.cut-the-knot.com/pythagoras

www.math.ubc.ca/people/faculty/cass

www.ies.co.jp/math/products/geo2/menu.html

www.geocities.com/capecanaveral/launchpad/3740/diagram.html

www.utc.edu/~cpmawata/geom/geom7.htm

www.cmi.hku.hk/teaching/pytha/index.htm

Projects and Others 專題作業及其他

CTI Mathematics:

www.bham.ac.uk/ctimath/

Eisenhower National Clearinghouse:

www.enc.org/

Alvirne High School

<http://www.seresc.k12.nh.us/www/alvirne.html>

Ask Dr. Math (*)

<http://forum.swarthmore.edu/dr.math>

Frequently Asked Questions in Mathematics

<http://www.cs.unb.ca/~alopez-o/math-faq/index.html>

SCORE Mathematics Lessons

<http://www.kings.k12.ca.us/math/lessons/welcome.html>

Centre for Innovation in Mathematics Teaching

<http://www.ex.ac.uk/cimt>

註：有(*)的網址是較適合中學生瀏覽的。