



Working together
to improve
teaching and
learning



April 2006 Issue 66 Time Warner Cable – Your Education Connection

The April issue of Time Warner Cable's education newsletter features Cable in the Classroom free educational resources for teachers, students, and parents that are available for you to videotape and download off the Internet for use in your classroom or at home. Website links are provided for downloading lesson plans. For more info contact melba.harris@twcable.com.

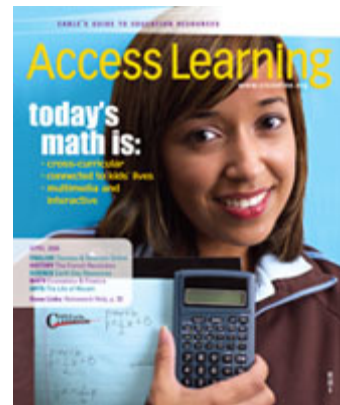
Mathematics Education Month

April is Mathematics Education Month and School Library Media Month. With so much attention being paid to math and science education, maybe it's time to explore the wealth of video, computer applications, and online content now available to help students visualize and understand these important, but sometimes difficult subjects. If you're looking for ideas, talk to your school's library media specialist or check out some of this month's [articles](#).

Educational Resource Guides

Download, print, and forward these subject-specific guides to educational video and online resources that can help you teach.

- Arts** Mozart, Irish Music, the Hollywood Ten, and more
- English Language Arts** Nature writers, Leo Tolstoy, and more
- History** Colonial America, the Civil War, Franklin Delano Roosevelt, the French Revolution, and more
- Math** Math and business, algebra, geometry, trigonometry, precalculus, and more
- Languages** Online language resources and more
- Preschool** Animal rescuers, pollution, storytelling, and more
- Science/Health** Earth Day, evolution, exobiology, avian flu, inventors, sexual health, and more
- Social & Personal Development** Culinary science, adolescence, and more
- Social Studies** Values from Colonial America, Bill Gates, hazing, teen gambling, AIDS in Africa, and more



Articles about Today's Math: Cross-Curricular, Connected to Kids' Lives, Multimedia, and Interactive

It's Alive!

Multimedia simulations and visualizations make abstract math concepts come alive for students as never before.

What does a point on a graph really mean? What is the difference between a line and a parabola? Talk to any algebra teacher and you'll hear that while students can memorize the

rules and solve problems by following rote steps, many do not have a deep understanding of these concepts....

Articles about New Thinking About High School Reform

Solving the High School Reform

A visual depicting Puzzle the key considerations in high school reform for 21st century learning: time, instruction, space, and human resources.

There is no one model of high school reform. In the 21st century, there must be multiple models that are better attuned to parent and student preferences and make better use of current technologies and pedagogies. Yet any reform effort must start with the outcomes -- what are the knowledge and skills we want students to have at graduation? --



Educational Resources for Teachers, Parents, and Students

A&E Classroom

Biography--Alexander Graham Bell: Voice of Invention

This program profiles the philanthropist who invented the telephone and other devices.

Airs April 18 at 7:00am ET. A&E Network (1:00)

http://www.aetv.com/class/admin/study_guide/archives/aetv_guide.0024.html

Biography--Benjamin Franklin: Citizen of the World

This program profiles the scientist, politician, diplomat, and printer.

Airs April 19 at 7:00am ET. A&E Network (1:00)

http://www.aetv.com/class/admin/study_guide/archives/aetv_guide.0073.html

Biography--Thomas A. Edison: Father of Invention

This program profiles the inventor of the electric light bulb, the movie camera, and recorded sound.

Airs April 20 at 7:00am ET. A&E Network (1:00)

<http://www.biography.com/search/article.do?id=9284349>

Biography--Albert Einstein: How I See the World

This program profiles the Nobel Prize-winning physicist who also worked for international peace and world government.

Airs April 21 at 7:00am ET. A&E Network (1:00)

http://www.aetv.com/class/admin/study_guide/archives/aetv_guide.0063.html

Biography--J. Pierpont Morgan: Emperor of Wall Street

This program profiles the powerful financier who saved the U.S. from bankruptcy twice, assembled one of America's largest fortunes, and turned Wall Street into his personal playground.

Airs April 24 at 7:00am ET. A&E Network (1:00)

<http://www.biography.com/search/article.do?id=9414735>

Biography--J. Pierpont Morgan: Emperor of Wall Street

This program profiles the powerful financier who saved the U.S. from bankruptcy twice, assembled one of America's largest fortunes, and turned Wall Street into his personal playground.

Airs April 24 at 7:00am ET. A&E Network (1:00)
<http://www.biography.com/search/article.do?id=9414735>

Biography--Dow and Jones: Wizards of Wall Street

This program profiles the two men behind the stock index and examines their effect on the country.

Airs April 25 at 7:00am ET. A&E Network (1:00)
http://www.aetv.com/class/admin/study_guide/archives/aetv_guide.0251.html

CNN Classroom

CNN Student News

CNN Student News is a 10-minute, cost-and-commercial-free educational program airing Monday-Friday throughout the school year on CNN Headline News at 3:12am ET. CNNStudentNews.com offers the full 10-minute CNN Student News program streamed on the Web. A daily e-mail, the "Daily Education Alert," allows educators to obtain free daily curriculum and features the day's top story as well as the latest industry news from the education section of CNN.com.

<http://cnnstudentnews.com>
<http://cnnstudentnews.cnn.com/fyi/retelecast/>

Court TV Classroom

Roker Investigates: Methamphetamine

This two-part documentary examines the effects of methamphetamine use on individuals, families, and communities through the lens of the murder of a young girl in Indiana. Mature subject matter.

Part 1 of 2 airs April 7 and 21 at 5:00am ET. Court TV (0:30)
Part 2 of 2 airs April 14 and 28 at 5:00am ET. Court TV (0:30)
<http://www.courttv.com/al%5Froker/>
<http://www.courttv.com/choices/>

C-SPAN Classroom

Q & A

Every Sunday night on Q&A, we introduce you to interesting people who are making things happen in politics, the media, education, and science & technology in hour-long conversations about their lives and their work.

Airs Sunday at 8pm ET on C-SPAN
<http://www.q-and-a.org/>
<http://www.c-spanclassroom.org/>

DiscoverySchool

Nutrition and Food Science

This program explores the history and elements of food science, including the government's creation of the Food and Drug Administration, hidden bacteria in the kitchen, and a behind-the-scenes look at food factories.

Airs April 14 at 5:00am ET. Discovery Channel (1:00)
<http://school.discovery.com/lessonplans/programs/nutrition/>

Mesoamerica: A History of Central America

This program examines the history and culture of Mesoamerica, from the ancient Aztec civilization to European expansion and Spanish conquest.

Airs April 17 at 5:00am ET. Discovery Channel (1:00)

<http://school.discovery.com/lessonplans/programs/mesoamerica/>

Road to Revolution

This program examines the conditions and causes of the American Revolution, with a look at the Boston Massacre, Thomas Paine's Common Sense, and the colonists who fought the war.

Airs April 19 at 5:00am ET. Discovery Channel (1:00)

<http://school.discovery.com/lessonplans/programs/roadRevolution/>

Concepts in Business Mathematics: Economics and Finance

This program looks back at math and mercantilism in the Colonial era and explores the economic concepts of simple and compound interest, linear programming, and profit and loss.

Airs April 25 at 5:00am ET. Discovery Channel (1:00)

<http://school.discovery.com/lessonplans/programs/businessMath/>

Discovery Health Classroom

Deadly Desires

This program explores the underlying reasons for the increase in sexually transmitted diseases among teenagers.

Airs April 1 at 5:00am ET. Discovery Health Channel (0:30)

<http://school.discovery.com/lessonplans/programs/deadlyDesires/>

Risky Business

This program looks at what can happen when kids take risks without fully considering the consequences.

Airs April 8 at 5:00am ET. Discovery Health Channel (0:30)

<http://school.discovery.com/lessonplans/programs/riskyBusiness/>

Disney Classroom

That's So Raven: On Top of Old Oaky

Raven and Eddie are suspicious of Chelsea's new environmentally conscious boyfriend, while Cory chooses a girl who he likes to be his new lead singer even though she can't sing.

Airs April 4 at 3:00am ET. Disney Channel (0:30)

<http://psc.disney.go.com/disneychannel/cableintheclassroom/>

Lizzie McGuire: Obsession

Lizzie organizes School Recycling Day and other socially conscious activities, Gordo attempts to win all three Science Olympics events, and Matt is named school hall monitor.

Airs April 4 at 3:30am ET. Disney Channel (0:30)

<http://psc.disney.go.com/disneychannel/cableintheclassroom/>

Lilo and Stitch: Ploot

Lilo tries to save Kokoua from a pollution-spewing experiment by herself after Stitch gets sick.

Airs April 4 at 4:00am ET. Disney Channel (0:30)

<http://psc.disney.go.com/disneychannel/cableintheclassroom/>

Stanley: Searching for Spring/Save the Blue Bird!

Stanley learns about Groundhog Day and celebrates Earth Day with his friends.

Airs April 4 at 4:30am ET. Disney Channel (0:30)

<http://psc.disney.go.com/disneychannel/cableintheclassroom/>

ESPN Sportsfigures

That Mu You Do/In Golf Gravitas

NASCAR driver Jeff Gordon illustrates friction; PGA golfer Brad Faxon explains energy and topography by looking at the slope of the greens.

Airs April 3 at 4:30am ET. ESPN2 (0:30)

http://sportsfigures.espn.com/sportsfigures/lp_mu_do.jsp?iAm=null

http://sportsfigures.espn.com/sportsfigures/lp_golf_gravitass.jsp?iAm=null

Gravity's Rainbow/The Spin Doctor Is In

X Games skateboarder Bob Burnquist determines the trajectory of a projectile using vectors; figure skater Sasha Cohen demonstrates energy-conservation laws, angular momentum, and rotational inertia.

Airs April 10 at 4:30am ET. ESPN2 (0:30)

http://sportsfigures.espn.com/sportsfigures/lp_spin_doctor.jsp?iAm=null

<http://sportsfigures.espn.com/sportsfigures/>

Pythagoras' Triple/Bouncing Basketballs

Boston Red Sox catcher Jason Varitek demonstrates the Pythagorean theorem; WNBA All-Star Pamela McGee explains why balls bounce and the coefficient of restitution.

Airs April 17 at 4:30am ET. ESPN2 (0:30)

http://sportsfigures.espn.com/sportsfigures/lp_bouncingBasketballs.jsp?iAm=null

<http://sportsfigures.espn.com/sportsfigures/>

Food TV Classroom

Good Eats: Fit to Be Tied

Using science, Alton Brown explains how to make roulades.

Airs April 8 at 4:30am ET. Food Network (0:30)

http://www.foodnetwork.com/food/cable_classroom/text/0,,FOOD_9789_13595,00.html

Unwrapped: Hold Everything

Mark Summers looks at foods and their containers, from mustard pots and cans to ice cream cones and tortillas.

Airs April 22 at 4:30am ET. Food Network (0:30)

http://www.foodnetwork.com/food/cable_classroom/text/0,,FOOD_9789_13595,00.html

HGTV Classroom

How's That Work?

Electric Juicer, Paper Shredder, Car Air Bags

This series looks at the origins of familiar items and explains how they work.

Airs April 3 at 5:00am ET. Home and Garden Television (0:30)

http://www.hgtv.com/hgtv/about_us/article/0,1783,HGTV_3080_4009525,00.html

How's That Work?

Food Dehydrator, Sauna, Plasma TV

Series looks at the origins of familiar items and explains how they work.

Airs April 17 at 5:00am ET. Home and Garden Television (0:30)

http://www.hgtv.com/hgtv/about_us/article/0,1783,HGTV_3080_4009525,00.html

History Classroom

In Search of History: Madam President

This program documents how former first lady Edith Wilson made key decisions for the nation for more than a year following her husband's stroke in 1919, while carefully guarding the truth about his condition. Airs April 14 at 6:00am ET. History Channel (1:00)

http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0340.html

April 1865: The Month That Saved America

This two-part program features interviews with top Civil War historians and reenactments of events that took place during the most pivotal 30 days in U.S. history.

Part 1 of 2 airs April 17 at 6:00am ET. History Channel (1:00)

Part 2 of 2 airs April 18 at 6:00am ET. History Channel (1:00)

<http://www.historychannel.com/classroom/guides/>

The French Revolution

This two-part documentary chronicles the course of the revolution and profiles its key figures.

Part 1 of 2 airs April 19 at 6:00am ET. History Channel (1:00)

Part 2 of 2 airs April 20 at 6:00am ET. History Channel (1:00)

<http://www.historychannel.com/classroom/guides/>

<http://www.historychannel.com/frenchrevolution/>

Time Machine--Boone and Crockett: The Hunter Heroes

This two-part program profiles pioneers Daniel Boone and Davy Crockett, who blazed early paths to the American West.

Part 1 of 2 airs April 27 at 6:00am ET. History Channel (1:00)

Part 2 of 2 airs April 28 at 6:00am ET. History Channel (1:00)

http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0653.html

Lifetime Classroom

Together: Stop Violence Against Women

This documentary presents four stories of female assault survivors and a discussion of how men and women can work together to stop violence.

Airs April 5 at 4:00am ET. Lifetime (1:00)

<http://www.lifetimetv.com/community/olc/violence/>

MTV Classroom

The Notorious B.G.

In an open forum setting, young people ask Microsoft founder Bill Gates questions regarding technology, education, entertainment, and other issues that affect their lives.

Airs April 3 at 4:00am ET. MTV (0:24)

http://www.mtv.com/thinkmtv/features/education/gates_forum/

Nickelodeon Classroom

Nick News

Adventure Special: Rollin' Down the River: Kids Explore the Amazon

Linda Ellerbee takes kids to explore the Amazon rainforest, including its indigenous peoples, plants, and wildlife, and to learn about efforts to preserve its ecosystem.

Airs April 14 and 26 at 6:00am ET. Nickelodeon (0:30)

http://www.nickjr.com/teachers/lesson_plans/kids_explore_amazon.jhtml?_template=teachers

TLC Elementary School

Understanding American Values

This program explores the values of the colonies, the American Revolution, immigration, and more.

Airs April 14 at 6:00am ET. The Learning Channel (0:30)

<http://school.discovery.com/lessonplans/programs/americanValues/>

The Weather Classroom

Careers in Meteorology

A visit with meteorologists illustrates the wide variety of career paths open to students interested in the field of weather.

Airs April 1 and 2 at 4:00am ET. The Weather Channel (0:30)

<http://www.weatherclassroom.com/index.php>

Forecast Earth: Early Warning

A look at how the National Severe Storms Laboratory, Storm Prediction Center, and National Weather Service work together to develop early-warning technology.

Airs April 8 and 9 at 4:00am ET. The Weather Channel (0:30)

<http://www.weatherclassroom.com/index.php>

Forecast Earth: Alaska Meltdown

This program investigates the effects of global warming in Alaska, from melting ice to displaced polar bears.

Airs April 15 and 16 at 4:00am ET. The Weather Channel (0:30)

http://www.weatherclassroom.com/home_students.php

<http://www.weather.com/newscenter/specialreports/forecastearth/>

The Sky Show

This program examines the optical, wind, and electrical phenomena that occur naturally in the sky.

Airs April 22 and 23 at 4:00am ET. The Weather Channel (0:30)

<http://www.weatherclassroom.com/index.php>

Contests and Educational Opportunities

Sign up for Media Smart: Your Family Guide E-Mail Newsletter

Sign up for Media Smart: Your Family Guide to Using Screen Time Well, a free, monthly e-mail newsletter from Cable in the Classroom and the National PTA. Each issue includes tips for parents and caregivers and recommendations of family-friendly TV shows and Web sites.

<http://www.ciconline.org/Resources/MoreResources/toolsforparents/default.htm>

TIME WARNER CABLE SEEKS CREATIVE TEACHERS

Time Warner Cable is seeking entries for its 2006 National Teacher Awards and is distributing entry forms to encourage teachers to participate. The program, now in its 17th year, recognizes classroom projects that use the resources that Time Warner Cable provides to schools at no charge as a way to enhance the classroom learning experience.

Twenty teachers or teacher teams will be chosen from entries submitted from areas served by Time Warner Cable divisions around the country. Winners receive a \$1000 cash prize and a Crystal Apple sculpture, as well as an all-expenses-paid trip to Washington, D.C., for a gala Awards celebration.

To be eligible to enter projects for consideration in the National Teacher Awards, teachers must be in a state-accredited public or private school (K-12) located within a Time Warner Cable service area. Eligible classroom projects must have taken place between September 1, 2005 and April 14, 2006.
<http://www.timewarnercable.com/corporate/aboutus/natlteachersawards.html>

Save Our History Teacher Honors

Are you a teacher who creatively incorporates local history into your classroom curriculum through site visits, preservation efforts or other hands-on learning activities? Share your efforts with us and you could win up to \$5,000!

Each year, The History Channel honors teachers who demonstrate an exceptional commitment to local history education and historic preservation. This year, 24 teachers who creatively integrate local history lesson plans, activities, or projects into their classroom curriculum will win \$1,000 cash prizes. One teacher will receive a \$5,000 cash prize and a free trip to Washington, D.C., where they will be recognized as the Save Our History Teacher of the Year at the Save Our History National Honors Event. EVERY teacher who submits an application for the SOH National Honors will receive a DVD from The History Channel.

In order to win, you must use a component of the Save Our History Educator's Manual or Monthly Lesson Plans in your classroom!

Deadline for receipt of entries is April 7, 2006. Download the Official Entry Form,
http://www.saveourhistory.com/awards/teacher_contest.html

Save Our History Student Honors

Are you a student who is involved in your local history in a unique and creative way? Have you volunteered at a local historical society or museum, or participated in an effort to clean up, document or preserve the history of your community? If you have participated in a hands-on local history project, you are eligible to win up to \$5,000 in the Save Our History National Honors!

The History Channel will honor students who demonstrate an exceptional commitment to learning about, documenting and preserving their local history. This year, 24 students who participate in local history/preservation projects, extracurricular history-themed service-learning projects, or independent study projects tied to history will win \$1,000 cash prizes. One student will receive a \$5,000 cash prize and a free trip to Washington, D.C., where he/she will be recognized as the Save Our History Student of the Year at the Save Our History National Honors Event in May 2006. EVERY student who submits an application for the National Honors will receive a Save our History t-shirt from The History Channel.

Deadline for receipt of entries is April 7, 2006. Download the Official Entry Form, Project Criteria, and Official Rules to get started!
http://www.saveourhistory.com/awards/student_contest.html