



**Working together  
to improve  
teaching and learning**



## July 2004 Issue 45

### TWC Education Connection

School is out for the year; however, all summer long Cable in the Classroom television and online commercial free educational programming is available. The July issue of Time Warner Cable's education newsletter, TWC's Education Connection, is featuring unique Cable in the Classroom educational resources for teachers, parents and students. The purpose of this newsletter is to update you on the current Cable in the Classroom resources that are available for you to videotape and download off the Internet for use in your classroom. Website links are provided for downloading lesson plans.

We are hoping you will forward this newsletter letter to a colleague who would find this information useful. For more information on CIC or questions about this newsletter, contact [eric.kantor@twcable.com](mailto:eric.kantor@twcable.com).

The July/August issue of *Access Learning* looks at quality online professional-development opportunities. We're gathering a list of excellent courses for our Web site and, if you've taken a great online professional-development course, we'd like to know about it. Click [here](#) to tell us about it.

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**Articles about Online Professional Development.  
Plus: Make the Home/School Connection Through  
Family Museum Trips!**

### Harvard from Home

How the right mix of online and in-person professional development can lead to lasting improvements in classroom practice.

### Keys to Quality

Five questions to ask before you choose an online professional-development provider.

### Anytime, Anywhere

Broadband tools offering flexible professional-development opportunities to educators.

### Exhibit Education

Tips for parents: How to maximize the learning from a family museum trip.



## Educational Resource Guides

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

**Arts** Online art tools, black music in history, and more

**English/Language Arts** Roald Dahl, the Lost Generation, and more

**History** Egyptian tombs, the history of Jamestown, the American Revolution, and more

**Math** Data analysis, real-world math applications, and more

**Languages** Foreign legislatures, Spanish-language programming, and more

**Preschool** Preschool science, friendship pages, and more

**Science/Health** The Grand Canyon, flooding, forensics teaching tips, and more

**Social & Personal Development** Teamwork and more

**Social Studies** Multimedia geography, Election 2004 national conventions, and more

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## Articles about Technology, Innovation, and the Future of Learning

### Into the Future

Eileen Clegg, research affiliate with the Institute for the Future, offers a glimpse of the technologies most likely to affect teaching and learning 10, 20, even 30 years from now, including smart dust, sensory interfaces on wearable computers, and multimedia report cards.

### Assisted Learning

Dave L. Edyburn, former president of ISTE's Special Education Technology Special Interest Group, explores how assistive technologies developed for people with disabilities will affect learning for everyone. Map your path to the future with Edyburn's chart of education and technology trends, matched with technology adoption rules.

### Threshold Digital Edition

You have to see this to believe it -- a complete digital edition of *Threshold* that looks just like the print version, with the functionality of a Web site, delivered electronically to your desktop! Check out a free sample issue or get a full year for just \$4.99.



# Educational Resources for Teachers, Parents and Students

## A&E Classroom

### Biography-Patrick Henry: Voice of Liberty

This program looks at the life of the outspoken country lawyer from Virginia who championed individual rights and helped secure America's freedom in 1776.

Airs July 2 at 7:00am ET. A&E Network (1:00)

[http://www.aetv.com/class/admin/study\\_guide/archives/aetv\\_guide.0589.html](http://www.aetv.com/class/admin/study_guide/archives/aetv_guide.0589.html)

### Biography-Paul Revere: The Midnight Rider

This program profiles the silversmith, businessman, engraver, and dentist who helped stage the Boston Tea Party and spread the spirit of rebellion during the Revolutionary War.

Airs July 5 at 7:00am ET. A&E Network (1:00)

[http://www.aetv.com/class/admin/study\\_guide/archives/aetv\\_guide.0540.html](http://www.aetv.com/class/admin/study_guide/archives/aetv_guide.0540.html)

### Biography-Susan B. Anthony: Rebel for the Cause

A profile of the early feminist who crusaded for equal pay for equal work and women's suffrage, helping to found America's first civil rights movement.

Airs July 6 at 7:00am ET. A&E Network (1:00)

[http://www.aetv.com/class/admin/study\\_guide/archives/aetv\\_guide.0284.html](http://www.aetv.com/class/admin/study_guide/archives/aetv_guide.0284.html)

### Biography-Benedict Arnold: Triumph and Treason

This program explores how one of America's greatest patriots became a notorious turncoat, explains what led him to join the anti-British Sons of Liberty, and chronicles his role in the American Revolution.

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

[http://www.aetv.com/class/admin/study\\_guide/archives/aetv\\_guide.0386.html](http://www.aetv.com/class/admin/study_guide/archives/aetv_guide.0386.html)

### Benedict Arnold: A Question of Honor

This two-part 2003 A&E original movie documents Arnold's transformation from Revolutionary War hero to infamous American traitor.

Part 1 of 2 airs July 8 at 7:00am ET. A&E Network (1:00)

Part 2 of 2 airs July 9 at 7:00am ET. A&E Network (1:00)

<http://www.aetv.com/classroom/teach/index.html>

## AOL@School

### Summer Break

School's out! While most teachers know this doesn't necessarily mean "free time," it's a chance for many to investigate some new methods and projects to put into action in the upcoming year, or to spend some time improving their professional skills. Even if all you want to do is keep current with the world of education, AOL@SCHOOL provides a wide variety of resources to help you make the most of those lazy hazy days of summer and to return to school in the fall refreshed and ready.

Stretch your creative muscles by constructing a WebQuest, a fun and informative way to integrate the Internet into your classroom activities. <http://www.aolatschool.com/teachers/tools/webquests/index.adp>

Take some time over the summer to create online and printable puzzles and quizzes aligned with topics you'll cover in the classroom. <http://www.aolatschool.com/teachers/tools/puzzles/index.adp>

<http://www.aolatschool.com/teachers/tools/quizzes/index.adp>

Browse through this outstanding collection of clip art and photos to use as visual representations in your lesson plans for the upcoming school year.

<http://www.aolatschool.com/teachers/tools/clipart/index.adp>

Take a mini-course on the basics of html and then apply what you have learned to create a Web page for your class. <http://www.aolatschool.com/teachers/tools/webbuild/index.adp>

Get AOL@SCHOOL's FREE software for your school, with Web filtering, e-mail and more. Call 888-468-3768 or to find out more and order an installation packet today, go to <http://www.aolatschool.com/order/index.adp>

## **CNN Classroom**

### **A FLYBOY'S STORY: GEORGE BUSH IN WORLD WAR II**

He was one of nine U.S. "flyboys" shot down over the Japanese Island of ChiChi Jima. Now, the 41<sup>st</sup> president returns to Japan to relive what he calls the most important event in his life.

Airs Monday, July 5 at 4:00am ET. CNN (1:00)

<http://www.CNN.com/presents>

<http://cnnstudentnews.com>

### **FOUNTAIN OF YOUTH**

The extreme medical procedures used to keep us looking young. A look at the cutting edge procedures and the people who use them.

Airs Monday, July 12 at 4:00am ET. CNN (1:00)

<http://www.CNN.com/presents>

<http://cnnstudentnews.com>

### **TRUE BELIEVERS**

A behind-the-scenes look at the soaring rise and flaming crash of Howard Dean's presidential campaign. From asterisk to front-runner to flameout, see the frenetic campaign unfold through the eyes of campaign manager Joe Trippi and an unlikely band of true believers who thought they were changing American politics.

Airs Monday, July 19 at 4:00am ET. CNN (1:00)

<http://www.CNN.com/presents>

<http://cnnstudentnews.com>

### **WHICH JOHN KERRY?**

On the eve of the Democratic convention, CNN's Candy Crowley puts nominee John Kerry under the microscope. His life story has played out in the public spotlight, from Vietnam hero to anti-war protester, from ambitious young prosecutor to veteran of the U.S. Senate. Yet in some ways, Kerry remains a mystery. What do we know about his core beliefs? Is he a man of conviction or rather, as his critic's claim, an opportunist who shifts and shapes his views to fit the political moment?

Airs Monday, July 26 at 4:00am ET. CNN (1:00)

<http://www.CNN.com/presents>

<http://cnnstudentnews.com>

## **C-SPAN Classroom**

### **3 Branches of Government Resource Center**

This C-SPAN Web site features information on the legislative, executive, and judicial branches of the U.S. government, including quizzes, activities, worksheets, related links, and a Roles/Power section for each.

<http://www.c-span.org/classroom/govt/3branches.asp>

## Booknotes

Interviews with authors of recent books on public policy, politics, and history.

Airs July 4 at 8:00pm and 11:00pm ET. C-SPAN (1:00)

Airs July 11 at 8:00pm and 11:00pm ET. C-SPAN (1:00)

Airs July 18 at 8:00pm and 11:00pm ET. C-SPAN (1:00)

Airs July 25 at 8:00pm and 11:00pm ET. C-SPAN (1:00)

<http://www.c-span.org/classroom/>

<http://www.booknotes.org/home/index.asp>

## BOOK TV

48 hours of non-fiction book programming, all weekend, every weekend on C-SPAN2. It includes book events related to History, Biography, Business, and also Encore Booknotes programs. Book TV airs from Saturday at 8am ET through Monday at 8am ET. C-SPAN2

<http://www.c-span.org/classroom/>

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

## **Court TV Classroom**

### We Are Family: Educating Our Children for a Safer World

This Court TV Web site provides information and educational materials to help connect young people worldwide in a spirit of unity and diversity. Includes a resource guide, classroom activities and tools, and streaming video highlights of workshops in New York City.

<http://www.courttv.com/saferworld>

### Forensics in the Classroom

As part of its ongoing commitment to education, Court TV is pleased to bring forensics to high school science classrooms nationwide. This FREE, exciting new program conforms to nationally recognized standards and was developed as part of a continuing educational partnership with the American Academy of Forensic Sciences.

[http://www.courttv.com/forensics\\_curriculum/](http://www.courttv.com/forensics_curriculum/)

### Fighting

This documentary examines the 1996 Kansas City trial of a 16-year-old girl who stabbed and killed another teenager in a confrontation over a 22-year-old man.

Airs July 23 at 5:00am ET. Court TV (0:30)

<http://www.courttv.com/choices/curriculum/fighting/>

<http://www.courttv.com/choices/download.html>

## **DiscoverySchool**

### Africa: Economics and Change

This program highlights the numerous ways Africans use natural resources for economic benefit, with a look at Mali farms, South African gold mines, and Lake Victoria.

Airs July 2 at 9:00am ET. Discovery Channel (1:00)

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

### Forced to Flee: Famine and Plague

This documentary explores how Ireland's potato famine drove Irish immigrants to America and how the bubonic plague helped end feudalism in medieval Europe.

Airs July 5 at 9:00am ET. Discovery Channel (1:00)

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

### When Civilizations End

An exploration of China's Forbidden City, the Chiribaya Indians, a lost urban center in Zimbabwe, and Joseph Conrad's Heart of Darkness.

Airs July 6 at 9:00am ET. Discovery Channel (1:00)

<http://www.school.discovery.com/lessonplans/programs/civilizationsend/>

### Slavery, Society, and Apartheid

This program chronicles the tragic circumstances suffered by Africans as a result of slavery in the Americas and legislation in their homeland, including the Atlantic slave trade and apartheid.

Airs July 7 at 9:00am ET. Discovery Channel (1:00)

<http://www.school.discovery.com/lessonplans/programs/slavery/>

### The Legacy of the Roman Empire

This program chronicles Rome's growth, downfall, and legacy, including expansion from military conquests, letters from Roman soldiers, and the Byzantine Empire.

Airs July 8 at 9:00am ET. Discovery Channel (1:00)

<http://www.school.discovery.com/lessonplans/programs/legacyroman/>

### Islam: History, Society, and Civilization

This program explores the practices of Islam, the Muslim ruler Suleiman, three centuries of crusades by European Christians against Muslims, and the Taliban's brutal rule in Afghanistan.

Airs July 9 at 9:00am ET. Discovery Channel (1:00)

<http://www.school.discovery.com/lessonplans/programs/islamhistory/>

### Power Builders: Leaders and Cities

This program explores Europe's feudal system, the significance of St. Petersburg in Russia, the harsh working conditions in America described by Upton Sinclair in The Jungle, and the building of New York City.

Airs July 12 at 9:00am ET. Discovery Channel (1:00)

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

### Blue Planet-Seas of Life: Coasts

This program examines the various survival tactics and adaptations of coastal animals.

Airs July 12 at 10:00am and 5:00pm ET. Discovery Channel (1:00)

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

### Blue Planet-Seas of Life: Ocean World

This program explores the role of oceans in influencing weather systems and supporting an enormous variety of life.

Airs July 13 at 10:00am and 5:00pm ET. Discovery Channel (1:00)

<http://dsc.discovery.com/convergence/blueplanet/blueplanet.html>

### Historical Heroes

This program explores the experiences of American astronauts in Tom Wolfe's The Right Stuff, the impact of gangs on 19th-century New York City's politics and identity, Australia's settlement by convicts, and the post-revolution France of Victor Hugo's Les Misérables.

Airs July 14 at 9:00am ET. Discovery Channel (1:00)

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

### Blue Planet- Seas of Life: Frozen Seas

This program looks at the variety of life forms that live on the edge of frozen seas.

Airs July 14 at 10:00am and 5:00pm ET. Discovery Channel (1:00)

<http://dsc.discovery.com/convergence/blueplanet/blueplanet.html>

### Lost Empires of Asia and Russia

This program explores the cause and effect of political change with a look at China's first great dynasty, the origins of Buddhism, and Russia's revolt against the czarist system.

Airs July 15 at 9:00am ET. Discovery Channel (1:00)

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

### Blue Planet-Seas of Life: Open Ocean

This program examines how life exists in the seeming voids and abysses of the sea.

Airs July 15 at 10:00am and 5:00pm ET. Discovery Channel (1:00)

<http://dsc.discovery.com/convergence/blueplanet/blueplanet.html>

### America at War: Charge and Defeat

An exploration of General Pickett's disastrous battle at Gettysburg and the fatal mistakes of General Custer at Little Big Horn.

Airs July 16 at 9:00am ET. Discovery Channel (1:00)

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

### Blue Planet-Seas of Life: Tidal Seas

This program examines the various plants and wildlife that exist in tidal marshes.

Airs July 16 at 10:00am and 5:00pm ET. Discovery Channel (1:00)

<http://dsc.discovery.com/convergence/blueplanet/blueplanet.html>

## **ESPN Sports Figures**

Designed for middle and high school students, this series features professional athletes who help demonstrate math and physics concepts through sports.

### The Hoop Variable/Victory with Vectors

Kenyon Martin uses basketball to demonstrate graphing, data analysis, and velocity; baseball's Barry Larkin examines vector addition.

Airs July 5 at 4:30am ET. ESPN2 (0:30)

[http://sportsfigures.espn.com/sportsfigures/lp\\_hoops\\_variable03.htm](http://sportsfigures.espn.com/sportsfigures/lp_hoops_variable03.htm)

[http://sportsfigures.espn.com/sportsfigures/lp\\_victory\\_vector03.htm](http://sportsfigures.espn.com/sportsfigures/lp_victory_vector03.htm)

### Shooting Vectors/Water-skiing in Circles

Allison Fisher illustrates vectors on a billiards table; Rhoni Barton demonstrates speed, acceleration, and velocity on a slalom water-skiing course.

Airs July 12 at 4:30am ET. ESPN2 (0:30)

[http://sportsfigures.espn.com/sportsfigures/lp\\_shooting\\_vectors03.htm](http://sportsfigures.espn.com/sportsfigures/lp_shooting_vectors03.htm)

[http://sportsfigures.espn.com/sportsfigures/lp\\_waterskiing03.htm](http://sportsfigures.espn.com/sportsfigures/lp_waterskiing03.htm)

### Making Waves/Cartesian Baseball

Pro surfer Rochelle Ballard illustrates wave concepts; baseball's Barry Larkin demonstrates how to graph coordinates.

Airs July 19 at 4:30am ET. ESPN2 (0:30)

[http://sportsfigures.espn.com/sportsfigures/lp\\_making\\_waves.htm](http://sportsfigures.espn.com/sportsfigures/lp_making_waves.htm)

[http://sportsfigures.espn.com/sportsfigures/lp\\_cartesian\\_baseball03.htm](http://sportsfigures.espn.com/sportsfigures/lp_cartesian_baseball03.htm)

### The Gear Game/Perpetual Motion

Mountain-biker Travis Brown demonstrates torque, levers, gears, and ratios; skateboarder Tony Hawk examines perpetual motion, energy conservation, and mass.

Airs July 26 at 4:30am ET. ESPN2 (0:30)

[http://sportsfigures.espn.com/sportsfigures/lp\\_gear\\_game03.htm](http://sportsfigures.espn.com/sportsfigures/lp_gear_game03.htm)

[http://sportsfigures.espn.com/sportsfigures/lp\\_perpetual\\_motion03.htm](http://sportsfigures.espn.com/sportsfigures/lp_perpetual_motion03.htm)

## History Classroom

### The American Revolution: The Conflict Ignites

This program chronicles America's rising opposition to British rule, Paul Revere's ride, the battle of Bunker Hill, Benedict Arnold's treason, and George Washington's rise.

Part 1 of 6 airs July 2 at 8:00am and 2:00pm ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0020.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0020.html)

### The American Revolution: 1776

This program examines Washington's appointment as commander of the army, battles waged in Canada, and the Declaration of Independence.

Part 2 of 6 airs July 2 at 9:00am and 3:00pm ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0021.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0021.html)

### The American Revolution: Washington and Arnold

A look at battles waged by General Washington, the capture of Fort Ticonderoga, and France's declaration of war against England.

Part 3 of 6 airs July 2 at 10:00am and 4:00pm ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0022.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0022.html)

<http://www.historychannel.com/exhibits/ellisisle/>

### The American Revolution: The World at War

This program chronicles the bitter winter at Valley Forge, the battle of Monmouth, and the fight against loyalists and Native Americans on the western front.

Part 4 of 6 airs July 2 at 11:00am and 5:00pm ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0023.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0023.html)

### The American Revolution: England's Last Chance

This program examines Benedict Arnold's treason, naval battles, the British siege of Charleston, N.C., and the guerrilla-style tactics that drove the British from the South.

Part 5 of 6 airs July 2 at 12:00pm and 6:00pm ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0024.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0024.html)

### The American Revolution: Birth of the Republic

This program, chronicles General Cornwallis' surrender at Yorktown and the securing of American independence with the Treaty of Paris.

Part 6 of 6 airs July 2 at 1:00pm and 7:00pm ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0025.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0025.html)

### Ellis Island: Part 1 of 3

A look at the history of Castle Garden, Ellis Island's predecessor.

Airs July 5 at 6:00am ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0089.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0089.html)

<http://www.historychannel.com/exhibits/ellisisle/>

### Ellis Island: Part 2 of 3

This program focuses on the experiences of immigrants, such as their sea passage and the medical examinations, and chronicles the first immigrants' passage through Ellis Island.

Airs July 6 at 6:00am ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0090.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0090.html)

<http://www.historychannel.com/exhibits/ellisisle/>

### Ellis Island: Part 3 of 3

A look at famous immigrants, the end of Ellis Island as an immigration center, and its establishment as a national monument.

Airs July 7 at 6:00am ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0091.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0091.html)

### Modern Marvels-Plumbing: The Arteries of Civilization

A look at how inventors, engineers, and plumbers determined how to transport clean water and treat wastewater.

Airs July 16 at 6:00am ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0316.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0316.html)

### California, Here We Come: Part 1 of 4

This program traces the earliest days of California from its discovery by the Spaniards and the settlement of New Spain to the Gold Rush of 1849.

Airs July 26 at 6:00am ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0288.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0288.html)

### California, Here We Come: Part 2 of 4

This program looks at the first transcontinental railroad, the great San Francisco earthquake, and California's influential legacy.

Airs July 27 at 6:00am ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0289.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0289.html)

### California, Here We Come: Part 3 of 4

This program explores Yosemite National Park, San Diego, and Los Angeles, as well as technological advances such as the freeway.

Airs July 28 at 6:00am ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0290.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0290.html)

### California, Here We Come: Part 4 of 4

This program focuses on Southern California during the 20th century, as well as the state's evolution into an economically and technologically independent state.

Airs July 29 at 6:00am ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0291.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0291.html)

### Modern Marvels: Golden Gate Bridge

A look at the design and function of the longest and highest suspension bridge on Earth.

Airs July 30 at 6:00am ET. History Channel (1:00)

[http://www.historychannel.com/classroom/admin/study\\_guide/archives/thc\\_guide.0109.html](http://www.historychannel.com/classroom/admin/study_guide/archives/thc_guide.0109.html)

## The Weather Classroom

### Weather and Water

This program explores rain, clouds, dew, fog, humidity, El Niño, La Niña, droughts, and floods.

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

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

### People and Weather

This program examines the history of the relationship between people and weather as it affects population growth, economics, and architecture.

Airs July 5 and 8 at 4:00am ET. The Weather Channel (0:30)

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

### Hurricanes

A look at the basic components, satellite tracking, and destructive power of hurricanes.

Airs July 12 and 15 at 4:00am ET. The Weather Channel (0:30)

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

### Elementary Weather

This program explores basic weather concepts through field trips and interviews with experts.

Airs July 19 and 22 at 4:00am ET. The Weather Channel (0:30)

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

### Weather and Geography

This program explores erosion, winds, wildfires, the effects of water and altitude on weather, and the types of storms that happen over different kinds of terrain.

Airs July 26 and 29 at 4:00am ET. The Weather Channel (0:30)

<http://www.weather.com/education/wxclass/lessonplans/geographylessonplan.html>

## VH1- Classroom

### Ultimate Album: Alicia Keys: Songs in A Minor

This program explores the success of Alicia Keys' debut album, a mix of the classical, hip-hop, rhythm-and-blues, and classic-soul genres.

Airs July 6 at 4:00am ET. VH1 (1:00)

[http://www.vh1.com/partners/vh1\\_music\\_studio/](http://www.vh1.com/partners/vh1_music_studio/)

## WMHT Classroom

### Colonial House

Tune in Thursday evenings at 9pm for an encore broadcast of the newest reality series from PBS. Residing in a 17th-century environment cultivated from extensive research, modern-day "colonists" negotiate personal and communal challenges as they deal with the demoralizing weather, rustic living conditions and backbreaking labor. The series of eight one-hour episodes begins Thursday, July 1, 9pm; you can also catch the entire series in two marathon broadcasts Sunday, July 11, 3-7pm, and Sunday, July 18, 3-7pm. WMHT

<http://www.pbs.org/wnet/colonialhouse/>

### Evening at Pops.

The new season begins with a celebration of Keith Lockhart's 10th anniversary as conductor of the Boston Pops Orchestra. Upcoming shows feature Martin Short, Michael MacDonald, Vanessa Williams, and other artists. Saturdays at 6pm ET. Beginning July 3. WMHT

<http://www.pbs.org/wgbh/pops/>

### A Capitol Fourth 2004

Barry Bostwick hosts a brilliant evening of musical entertainment from the grounds of the U.S. Capitol, topped by a dazzling display of fireworks over the Washington monument. Nashville superstars Vince Gill and Amy Grant, along with other stellar guest artists, perform with the National Symphony Orchestra under the direction of premier pops conductor Erich Kunzel. Sunday, July 4, 8pm; repeats Sunday, July 4, 10pm ET. WMHT

<http://www.pbs.org/capitolfourth/>

### NOVA: Galileo's Battle for the Heavens

In this two-hour special based on Dava Sobel's bestselling book, Galileo's Daughter, NOVA celebrates the story of the father of modern science and his struggle to get Church authorities to accept the truth of his astonishing discoveries. Tuesday, July 6, 9-10pm ET. WMHT

<http://www.pbs.org/wgbh/nova/galileo/>

### 1421: The Year China Discovered America?

On a startling journey of adventure and exploration, this series examines the mystery surrounding the sailing exploits of the legendary Zheng He and the gigantic Ming fleet of treasure junks he commanded for more than 30 years. Gavin Menzies, a retired British submarine commander, claims he has stumbled across "evidence" showing that this extraordinary Chinese fleet was the first to discover America - decades before Columbus.

Wednesday, July 21, 9-11pm ET. WMHT

<http://www.1421.tv/>

### FDR: Four Freedom Awards

A look at the recipients of The Four Freedoms Awards presented in November 2003 at Hyde Park by the Franklin and Eleanor Roosevelt Institute. Thursday, July 22, 8pm ET. WMHT

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

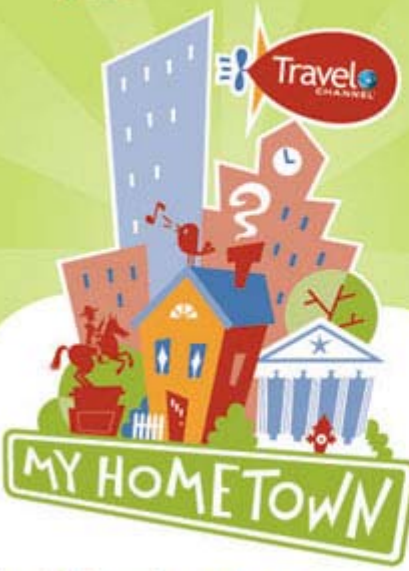
### The Spartans

Based on Paul Cartledge's book The Spartans: The World of Warrior-Heroes of Ancient Greece, From Utopia to Crisis and Collapse, this special explores the birth of Sparta's military commune social system and the effect it had on Sparta, Greece and Western civilization. Sunday, July 25, 4-7pm ET. WMHT

<http://www.pbs.org/previews/Spartans/>

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**What Happens When My Hometown Comes to Your Hometown?**

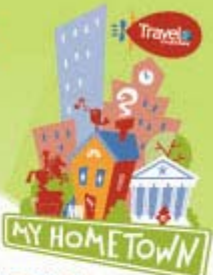


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 Watch for an email around August 2, 2004 for more details!

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