



# Think<sup>TV</sup> Network Educational **RESOURCE GUIDE** - 2011-2012 -



Think<sup>TV</sup>

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# 2011-2012 Think<sup>TV</sup> Network WPTD Instructional Television Program Schedule

## Think<sup>TV</sup> Educational Services

Welcome back to an exciting school year! **Think<sup>TV</sup>'s Instructional Television Broadcast begins September 6, 2011.** In addition to programming across the content areas, this year's ITV lineup continues to offer STEM programming including *Dragonfly TV*, *Design Squad* and more. The Instructional Television Program Schedule is your guide to accessing the rich media content for use in your classroom. The guide is a searchable, downloadable .PDF, which allows you to print the program schedule in its entirety, or, just the pages you need. You may also search for programs in our new online searchable database. Just click on Instructional Television on the Think<sup>TV</sup> site.

If you are looking for lesson plan ideas, PBS programming, or local educational events, refer to our Think<sup>K-12</sup> print Newsletter. **Think<sup>K-12</sup>** is sent to all schools in our viewing area the first week of September. This newsletter will bring timely information about Think<sup>TV</sup> resources, special events, featured programs and more. Think<sup>K-12</sup> includes fall, winter, and spring editions and is available online for download. We also offer a monthly Educational E-newsletter entitled Think<sup>TV</sup> EdNews. EdNews is your source for timely information on Think<sup>TV</sup> programs and special events and is delivered straight to your inbox monthly. To sign up visit: <http://thinktv.org/education/ednews>.

For more information about our programs and services please visit: <http://thinktv.org/education> or call Think<sup>TV</sup>'s Educational Services Department at (937) 220-1708.

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# ITV IN THE CLASSROOM

Instructional television, or ITV, is intelligent television and multimedia for learning. Designed for students from kindergarten through high school, ThinkTV's ITV programs offer enriching media to incorporate into your curriculum. Most ITV programs are short in length, from ten to thirty minutes, and are accompanied by Web sites that extend learning in the classroom.

Rather than a replacement for classroom literature, television serves as an additional text, taking students places no field trip or textbook can take them. Teachers who use educational media report that their students retain more information, understand concepts more rapidly, and are more enthusiastic about what they are learning.

Effective instructional video is not video- to- student instruction, but rather teacher -to-student instruction, with video as a vehicle for discovery. The following teaching tips include instructional strategies and techniques for guided viewing.

## Before the Program:

- Work with your library media specialist to pre-record programs
- Preview the program to fit your curriculum objectives
- Select segments of the program that will spark student interest, demonstrate a concept, and directly relate to your lesson
- Prepare your television and video equipment, cue pre-recorded video, and ensure all students will be able to see and hear the program

## During the Video-based Lesson:

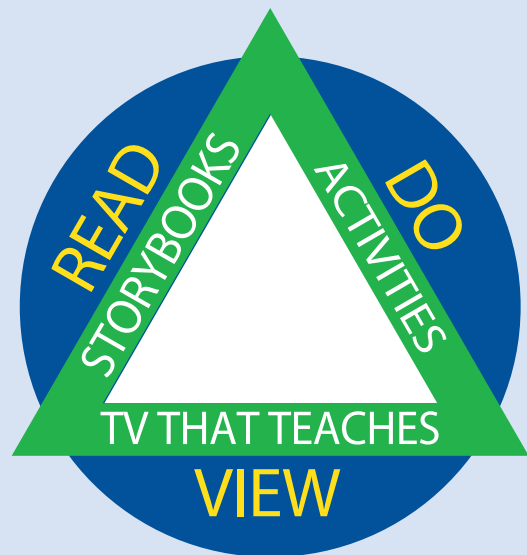
- Begin with an introductory activity or overview
- Give students a specific task or focus for viewing geared toward the lesson objective
- Leave lights on to reinforce that the video is not passive entertainment
- Actively watch the video with students
- When using a pre-recorded program, use pause for on-the-spot discussion, or replay segments for reinforcement

## After the Video-based Lesson:

- Use probing questions based on the video lesson to encourage classroom discussion
- Have students complete a follow up lesson or activity

## For Younger Viewers:

ThinkTV's View-Read-Do strategy is an excellent method for parents, teachers, and caregivers to extend a child's learning from television. The following guidelines include tips for using the View-Read-Do approach.



- **View** the program with the children, ask questions, talk about what you see, dance with the music.
- **Read** a book that goes along with one of the topics presented.
- **Do** a related activity. Have the children cook, walk, and play games, tell stories, search for hidden things, make toys or musical instruments, etc.

# TELEVISED EDUCATIONAL PROGRAMS – THINK<sup>TV</sup>16

## PROGRAMS BY CONTENT AREA

### Art/Music

Arts Revolution Pre (K-6)  
Culture Collage (3-5)  
Electric Guitar: Its Makers and Players (4-9)  
Spotlight: Riffe Gallery (9-12)  
Teaching Channel, The (K-12)  
Vertices (K-2)

### Health/Guidance/Physical Education

Fitness Fanatic (5-8)  
Language of Trauma and Loss, The (K-12)  
Smart and Sober (7-12) Student Edition  
Teaching Channel, The (K-12)

### Language Arts

Change My Mind (8-10)  
Meet the Author (4-6)  
Ohio Reading Road Trip (6-8)  
OhioTrek: A Focus on Literacy (3-4)  
Snap Shot: The Decades (10)  
Teaching Channel, The (K-12)  
Write Site, The (6-8)

### Math

Big or Small: Measure it All (5-6)  
Biz Kid\$ (5-12)  
Case of the Missing Human Potential (9-12)  
It's a Gas: Math & Science of the Blimp (7-9)  
Math and Science Gumbo (4-6)  
NASA Connect 2005-2006 (6-8)  
NASA Destination Tomorrow (9-12)  
NASA Science Files (3-5)  
Teaching Channel, The (K-12)  
Ohio Math Works (7-9)  
Quizbus (4-8)  
Vertices (K-2)

### Science/Technology

108 Stitches: Physics in Baseball (6-12)  
Antarctica 90 Degrees South (5-9)  
BizKid\$  
Case of the Missing Human Potential (9-12)  
Design Squad (9-12)  
Domains of Life (9-12)  
DragonFlyTV (9-12)  
Everyday Edisons (9-12)  
Inventing Flight (7-8)  
It's a Gas: Math & Science of the Blimp (6-9)  
MAKE (9-12)  
Math and Science Gumbo (4-6)

NASA Connect (7-12)  
NASA Destination Tomorrow (9-12)  
NASA Science Files (3-5)  
Ohio Rocks! (6-12)  
Physics on the Edge (9-12)  
Science Safari (K-2)  
SciGirls (6-8)  
Teaching Channel (K-12)  
Test the Waters (11)  
Weather or Not (6-8)  
You Be the Producer (6-12)  
Zoo, Zoo, Zoo (K-6)

### Social Studies

America on the Move (5-11)  
America's Veterans (2-9)  
Around the World in Ohio (9-12)  
Colonial Williamsburg (5-12)  
Constitution Challenge (5-8)  
Econ and Me (1-5)  
Economics Academy 101 (4-8)  
Ethics in a Global Society (9-12)  
Freedom is Not Free (9-12)  
Inventing Flight (7-8)  
Newsdepth (7-8)  
Ohio's Bicentennial Wagon Train (9-12)  
One State Many Nations (4)  
Our Ohio: Exploring Our Heritage: Volume III (4-5, 8)  
Producing Ohio: Creating Our Economy (7-8)  
Project Enlightenment (9-12)  
Real George Washington, The (9-12)  
Reliving Morgan's Raid (9-12)  
Searching for Slave History (6-8)  
She's Got It! Women Inventors & their Inspiration (4-8)  
Slavery at Mount Vernon (8-12)  
Snap Shot: The Decades (10)  
The Teaching Channel (K-12)  
Test the Waters (11)  
Traditions Worth Celebrating (K-12)  
White House 20500 (11)  
World War II: Exploring Your Local History (9-12)

### Professional Development

Case of the Missing Human Potential (9-12)  
Culture Collage (3-5)  
Language of Trauma and Loss, The (K-12)  
Teaching Channel, The (K-12)

# TELEVISED EDUCATIONAL PROGRAMS – THINK<sup>TV</sup>16

## ALPHABETICAL PROGRAM LISTING

108 Stitches: Physics in Baseball

### A

America on the Move  
America's Veterans  
Antarctica: 90 Degrees South  
Around the World in Ohio  
Arts Revolution

### B

Big or Small: Measure it All  
Biz Kid\$

### C

Case of the Missing Human Potential  
Change My Mind  
Colonial Williamsburg  
Constitution Challenge  
Culture Collage

### D

Design Squad  
Domains of Life  
DragonFlyTV

### E

Econ and Me  
Economics Academy 101  
Electric Guitar: Its Makers and Players  
Ethics in a Global Society  
Everyday Edisons

### F

Fitness Fanatic  
Freedom is Not Free

### I

Inventing Flight  
It's a Gas: Math & Science of the Blimp

### L

Language of Trauma and Loss, The

### M

Make  
Math and Science Gumbo  
Meet the Author

### N

NASA Connect  
NASA Destination Tomorrow  
NASA Science Files  
Newsdepth

### O

Ohio's Bicentennial Wagon Train  
Ohio Math Works  
Ohio Reading Road Trip  
Ohio Rocks!  
OhioTrek: A Focus on Literacy  
One State Many Nations  
Our Ohio: Exploring Our Heritage

### P

Physics on the Edge  
Producing Ohio: Creating Our Economy  
Project Enlightenment

### Q

Quizbus

### R

Real George Washington, The  
Reliving Morgan's Raid

### S

Science Safari  
SciGirls  
Searching for Slave History: A Digital Storytelling Project  
She's Got It! Women Inventors & Their Inspiration  
Slavery at Mount Vernon  
Smart and Sober: Parent Edition  
Snap Shot: The Decades  
Spotlight: Riffe Gallery

### T

Teaching Channel, The  
Test the Waters  
Traditions Worth Celebrating

### V

Vertices

### W

Weather or Not  
White House 20500  
World War II: Exploring Your Local History  
Write Site, The


### Y

You be the Producer

### Z

Zoo, Zoo, Zoo

## 108 STITCHES: PHYSICS IN BASEBALL

**Grades:** 6-10   
**Subject:** Physics/Science  
**Length:** (4) 6-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Monday 1:35, 1:40 and 1:50  
 Tuesday 1:40 and 1:45


<http://westernreservepublicmedia.org/baseball/index.htm>



This multimedia project offers a science-based curriculum that uses the game of baseball to demonstrate basic principles of physics as set forth by the National Science Education Standards and the Ohio Science Academic Content Standards.


Lessons:	M 1:35	M 1:40	M 1:50	T 1:40	T 1:45
1. The Pitch	11/14		9/5		10/18
2. The Hit		11/28	9/12	10/25	
3. Running the Bases		12/5	9/19		11/1
4. The Flight		12/12	9/26		11/8

## AMERICA ON THE MOVE

**Grades:** 5-11   
**Subject:** History  
**Length:** (1) 30-minute program  
**Taping Rights:** 2013  
**Schedule:** Wednesday at 1:30, 10/12, 10/19  
<http://www.americanhistory.si.edu/onthemove>

*America on the Move* takes your students on a fascinating journey through the history of the United States from 1876 to 2000, using the lens of transportation. As an accompaniment to the National Museum of Natural History's newest permanent exhibition, *America on the Move* explores historical moments, from the coming of the railroad to a California town in 1876 to the role of the streetcar and the automobile in creating suburban communities, to the transformation of a U.S. port by containerized shipping in the 1970s.


## AMERICA'S VETERANS

**Grades:** 2-9   
**Subject:** Social Studies/Citizenship  
**Length:** (1) 25-minute program  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday, 3/6 at 1:00

Wednesday, 10/5, 11/9, 2/29 at 1:30

This program explores the question like, "What does Veteran's Day mean to you?" "Who are veterans," how and why we honor them, what can we learn from the lives of veterans, and the rights and responsibilities of citizenship. The purpose of the material is to increase students' understanding of the role of veterans in society.

## ANTARCTICA: 90 DEGREES SOUTH

**Grades:** 5-9   
**Subject:** Science/Geography/Biology  
**Length:** (5) 10-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Monday at 1:30 and 1:40  
 Wednesday at 1:00


<http://westernreservepublicmedia.org/antarctica/index.htm>



This Western Reserve PBS series goes south — so far south that it is almost north! — to discover the little-understood continent of Antarctica. Students will explore its biological diversity, the geology, the geography and the weather, and debate the necessity of balance between the desire for progress and the need for preservation of this important continent.

Lessons:	M 1:30	M 1:40	W 1:00
1. Welcome to Antarctica	2/13	10/10	12/14
2. Antarctica Under Construction	2/20	10/17	1/4
3. Winter? Summer? How Can You Tell	2/27	10/24	1/11
4. I Thought Penguins Could Fly	3/5	10/31	1/18
5. Do I Need a Passport?	3/12	11/7	1/25

## AROUND THE WORLD IN OHIO

**Grades:** 9-12   
**Subject:** History/Ohio Tourism  
**Length:** (4) 30-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday at 1:00 & 1:30

Take a humorously entertaining trip with our host Dan Shellenbarger as he journeys to Ohio's international cities: places like Berlin - which has one of the largest Amish populations in the country, and Athens - recognized as one of the 13 most haunted places in the world.

**Lessons:** T 1:00 T 1:30

1. Berlin, Milan, Moscow, Athens, Sidney & London 9/6 4/3
2. Dublin, Mesopotamia, The Wilds, Denmark & Troy 9/13 4/10
3. Cadiz, Dresden, Gibraltar Island, Twinsburg & Sugarcreek 9/20 4/17
4. Geneva, Lebanon, Malta & Cambridge 9/27 4/24

## ARTS REVOLUTION

**Grades:** PreK-6   
**Subject:** Fine Arts  
**Length:** (4) 5-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday at 1:25  
 Wednesday at 1:15 and 1:55  
<http://www.cetconnect.org/education/multimedia-curriculum-kits>



Through *Arts Revolution's* exploration of dance, music, theatre and visual arts students learn about art and creativity through observation and participation. The program includes examples of middle and high school students

participating in ballet, Indian dance, classical music, steel drum music, musical theatre, video production, graphic arts and sculpture. Interviews with these students examine why they participate in art and what they have learned through their experiences. Introductory arts integrated lessons are included for teachers that connect one art form to an academic area and all lessons are aligned with the Ohio Academic Content Standards. Each of the lessons has an arts component so that every student has the opportunity to explore the arts and her own creativity. Assessment strategies are also included.

Lessons	T 1:25	W 1:15	W 1:55
1. Visual Arts	2/21	3/7	9/7
2. Music	2/28	3/14	9/14
3. Theater	3/6	3/21	9/21
4. Dance	3/13	3/28	9/28

## BIG OR SMALL: MEASURE IT ALL

**Grades:** 4-6   
**Subject:** Math  
**Length:** (5) 10-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Monday at 1:00; Tuesday at 1:00  
<http://westernreservepublicmedia.org/measure/intro.htm>

Western Reserve Public Media's *Big or Small: Measure It All* was created with a two-fold purpose. First, the videos show students how measurement is used every day in the "real world." Second, the program offers students "hands-on" lessons that require the use of measurement to accomplish a task. It is directed at grades 4 and 6 and is keyed to mathematics standards for those grades. The package was created by a team of teachers from school districts in the Western Reserve service area.

Lessons:	M 1:00	T 1:00
1. Air	1/9	10/4
2. Land	1/16	10/11
3. Time	1/23	10/18
4. Sea	1/30	10/25
5. Space	2/6	11/1

## BIZ KID\$

**Grades:** 5-12  
**Subject:** Math/Science/Economics  
**Length:** (39) 30-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday at 12:30  
 (9/6/2011 – 7/10/12)  
<http://www.bizkids.com/>

*Biz Kid\$* is the fun, new, fast-paced TV series where kids teach kids about money and entrepreneurship. Created for school-aged children, each half-hour episode features several young business owners and philanthropists who share their success stories. Whether it is a skateboard designer, a candy store owner, or a hip-hop music producer, the kids on the series inspire young viewers. Throughout the series, kids learn about saving, budgeting, investing and giving back to the community. Spoofs of old TV shows and comedy sketches performed by a humorous cast of characters make the series a hit with both kids and parents alike. The King of Ka-Ching, a cheesy lounge singer, and Francine Fair-trade, a world traveler with extensive knowledge of all things exotic and financial, are two of the characters who add to the fun.

## CASE OF THE MISSING HUMAN POTENTIAL

**Grades:** K12

**Subject:** Math/Science/Professional Development

**Length:** (1) 60-minute program

**Taping Rights:** Unlimited

**Schedule:** Monday, 4/23 at 1:00

[http://www.wviz.org/education/itv\\_program/13243](http://www.wviz.org/education/itv_program/13243)

While women make up 46% of the work force, women hold only 8% of engineering jobs, and only 9% of our country’s physicists are women. Sound surprising? This program uses research and examples to appeal to parents, caregivers, and the community regarding what they can and need to do to get their girls involved in science and math.

## CHANGE MY MIND

**Grades:** 8-10

**Subject:** Language Arts

**Length:** (5) 5-minute programs

**Taping Rights:** Unlimited

**Schedule:** Monday at 1:20; Tuesday at 1:20;

<http://westernreservepublicmedia.org/changemymind/overview.htm>

**CHANGE MY MIND** *Change My Mind* is based on the concept that students will be bombarded with persuasive techniques in all aspects of their life. They need to recognize when persuasive techniques are being used and, in turn, how students can use them to try to persuade others. This project is directed at the persuasive writing process. The multimedia project is keyed to grades 8-10 language arts standards and includes a teacher guide, five videos and a Website.

Lessons:	M 1:20	T 1:20
1. Appeal to Emotion	1/9	10/4
2. Appeal to Logic	1/16	10/11
3. Appeal to Authority	1/23	10/18
4. Loaded Language	1/30	10/25
5. Bandwagon	2/6	11/1

## COLONIAL WILLIAMSBURG

**Grades:** 5-12

**Subject:** Social Studies

**Length:** (7) 60-minute programs

**Taping Rights:** Unlimited

**Schedule:** Thursdays at 1:00

**Closed Captioned**



Through technology, *Colonial Williamsburg* brings together students from every corner of America for unforgettable history lessons. Actors portraying historical figures help bring history to life for your students.

Lessons:	TR 1:00
1. Emissaries of Peace	10/13
2. A More Perfect Union	11/17
3. Jamestown Unearthed	12/15
4. Westward	1/19
5. The Slave Trade	2/16
6. The Rights of Youth	3/15
7. Treasure Keepers	4/19

## CONSTITUTION CHALLENGE

**Grades:** 5-8

**Subject:** Social Studies/Language Arts

**Length:** (4) 10-minute programs

**Taping Rights:** Unlimited


**Schedule:** Tuesday and Wednesday at 1:10

<http://westernreservepublicmedia.org/constitution/about.htm>

Western Reserve Public Media’s program *Constitution Challenge* was created by a team of teachers from school districts in our service area. It is directed at Grades 5 and 8 and is keyed to both social studies and language arts standards for those grades. The format of the program is a game show, with both students and “the man on the street” trying to answer questions. This format is carried through on the Web site, with PowerPoint games available on Constitution topics. There is also a hotlist of sites available to assist students with projects from the lesson plans.

Lessons:	T 1:10	W 1:10
1. The Constitution	11/8	9/7
2. Checks and Balances	11/15	9/14
3. The Bill of Rights and the Amendments	11/29	9/21
4. Federalism	12/6	9/28

## CULTURE COLLAGE


**Grades:** 3-5   
**Subject:** Fine Arts/Professional Development  
**Length:** (1) 6-minute program  
**Taping Rights:** Unlimited  
**Schedule:** Monday, 4/16 at 1:20, Tuesday, 3/20 at 1:20, 11/1 at 1:40, 1/17 at 1:45; Wednesday, 2/29 at 1:20, 2/1 at 1:55



This program uses a variety of technologies to introduce teachers and students to the exciting world of arts and technology integration. Through video, CD-ROM, and distance learning sessions with artists, the study of the immigrant cultures that developed the state of Ohio is brought to life. This

project connects with numerous 3rd – 5th grade academic content standards in social studies, language arts, dance, music, theatre and visual arts.

## DESIGN SQUAD


**Grade:** 9-12   
**Subject:** Technology/Engineering  
**Length:** (33) 30-minute programs  
**Taping Rights:** Two years  
**Schedule:** Thursday at 12:30 (11/10/2011 – 7/12/2012)

<http://pbskids.org/designsquad/>



Engineers have led a technological revolution that has improved the quality of our lives, yet many kids and adults alike do not understand how the technology they use in their daily lives works. They are also unclear about the engineer’s role in society or even what an engineer does. *Design Squad* is one of the few places on TV where kids can learn about engineering. Accompanying lessons, activities, and projects are available on the series Website.


## DOMAINS OF LIFE

**Grades:** 9-12   
**Subject:** Science  
**Length:** (1) 60-minute program  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday, 3/6 at 1:30  
[http://www.iptv.org/k12catalog/list\\_detail.cfm?](http://www.iptv.org/k12catalog/list_detail.cfm?)

**showid=205**

The *Domains of Life* updates the five kingdoms classification scheme with the latest understanding of life’s organization based on DNA, fossil, and biochemical evidence. Concise animations and superb microscope footage of primitive cells show events that shaped life as we know it today. This program addresses the National Science Standards regarding early evolution and the classification of life.

## DRAGONFLYTV

**Grade:** 9-12   
**Subject:** Science  
**Length:** (24) 30-minute programs  
**Taping Rights:** One year  
**Schedule:** Monday at 12:30 (9/5/2011 – 5/21/2012)


<http://pbskids.org/dragonflytv/>



*DragonflyTV* is a series designed to help kids understand, enjoy, and do science. In a very real sense, *DragonflyTV* itself is an investigation - an ongoing experiment to find new ways to engage kids in scientific

inquiry. *DragonflyTV* is about the “how” of science - not just the “what.” Accompanying lessons and activities are available on the companion Website.


## ECON AND ME

**Grades:** 1-5   
**Subject:** Social Studies  
**Length:** (5) 15-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday at 1:15 and 1:20  
<http://www.ket.org/itvvideos/offering/practical/econandme.htm>

*Econ and Me* follows four children and their invisible friend, who helps them solve real-life economics problems. Videos, with animated reviews, impart lessons of scarcity, opportunity cost, consumption, production, and interdependence.

Lessons:	T 1:15	T 1:20
1. Scarcity	4/3	11/8
2. Opportunity Cost	4/10	11/15
3. Consumption	4/17	11/29
4. Production	4/24	12/6
5. Independence	5/1	12/13

## ECONOMICS ACADEMY 101

**Grades:** 4-8   
**Subject:** Social Studies/Economics  
**Length:** (5) 10-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Wednesday at 1:10  
<http://westernreservepublicmedia.org/economics/intro.htm>




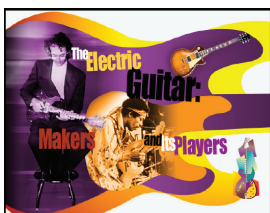
Economics helps us understand how goods and services are provided and acquired (supply and demand).

The focus of this project is to provide an understanding of the basics of economics, and to view economics with a historical perspective. The goal of *Economics Academy 101* is to provide videos, lesson plans and Web activities that help students, through hands-on activities, to understand both the role of economics in our society and the role it plays in the “economic” world. Students need an awareness of how they are affected by the economy and how they, in turn, affect the economy.

Lessons:	W 1:10
1. Competition, Supply & Demand & Interdependence	4/4
2. Scarcity & Factors of Production	4/11
3. Import, Export, Trade & the Circular Motion of the Economy	4/18
4. Government, Regulations & Tariffs	4/25
5. Mercantilism & Early Economic History	5/2

## ELECTRONIC GUITAR: ITS MAKERS AND PLAYERS

**Grades:** 4-9   
**Subject:** Music/History  
**Length:** (1) 30-minute program  
**Taping Rights:** Unlimited  
**Schedule:** Friday, 9/9 at 1:00  
[http://invention.smithsonian.org/downloads/guitar\\_educators\\_guide.pdf](http://invention.smithsonian.org/downloads/guitar_educators_guide.pdf)




This video field trip is an exciting exploration of the timeless intersections of technology and music. Students meet guitar maker Paul Reed Smith and guitar player G. E. Smith, who demonstrate their crafts and share stories about some of the

people involved in developing and popularizing the

electric guitar. Moderated by Bob Santelli, director of education at the Rock and Roll Hall of Fame and Museum, this program is a rebroadcast of the 1996 videoconference that linked students at the Smithsonian Institution in Washington, D.C., with students in Cleveland, Ohio, and Elkhart, Indiana.


## ETHICS IN A GLOBAL SOCIETY

**Grade:** 9-12   
**Subject:** Ethics  
**Length:** (4) 15-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Thursday at 1:30

For high school students, discussions about ethics would typically center on issues like cheating on a test or plagiarism, but, in this four-part series, the discussion focuses on how ethics affect careers and the workplace. Using comments from experts as a starting point, students discuss ethical behavior in the areas of business, government, and science as a way to foster deeper thinking about the ethical dimensions of their life and our society.

Lessons:	TR 1:30
1. Ethics in Bioresearch	9/15
2. Ethics in Government	9/22
3. Ethics in Cyber Technology	9/29
4. Ethics in the Media	10/6

## EVERYDAY EDISONS

**Grade:** 9-12   
**Subject:** Inventions/Science  
**Length:** (21) 30-minute programs  
**Taping Rights:** One year  
**Schedule:** Wednesday at 12:30  
 (9/7/2011 – 1/18/2012)  
<http://www.everydayedisons.com/>



Ordinary People, Extraordinary Ideas™

Everybody has a great idea that could change the way we work, the way we live or the way we play. *Everyday Edisons* documents the development process of 12 inventions and the parallel stories of the people who invented them. Selected from thousands, the 15 “Everyday Edisons” learn how their extraordinary ideas

are taken from a sketch on a napkin to a store shelf. The name “Everyday Edisons” honors Thomas Edison, the famed American inventor who with virtually no formal education had more than 1,000 patents to his credit.

## FITNESS FANATIC

**Grade:** 5-8   
**Subject:** Health  
**Length:** (5) 20-minute programs  
 Lesson #4 is a 21:13 minute program  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday at 1:00; Wednesday at 1:00  
 Thursday at 1:30



The *Fitness Fanatic* is here! Fitness expert and syndicated columnist Dave Patania brings kids together in a fast-paced and

fun series of instructional videos with activities as diverse as bicycling and dance. Dave shows kids that many of the things they already enjoy can contribute to their overall fitness level. The accompanying educational materials for teachers and parents underscore that message.

Lessons:	T 1:00	W 1:00	TR 1:30
1. Row	12/13	10/5	11/10
2. Arabesque	1/3	10/12	12/1
3. Splash	1/10	10/19	12/8
4. Flip	1/17	10/26	1/12
5. Bounce	1/24	11/2	1/26
6. Shred	1/31	11/9	2/23

## FREEDOM IS NOT FREE

**Grade:** 9-12   
**Subject:** History  
**Length:** (1) 30-minute program  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday, 5/1 at 1:30  
 Wednesday, 11/2 at 1:30

This monument at Ohio Capitol Square contains two large limestone walls of etched letters veterans have written home to loved ones during times of conflict. The making of the plaza and the memories it has inspired come to life with interviews from veterans, archived film footage, and historic photos.

## INVENTING FLIGHT

**Grades:** 7-8   
**Subject:** Social Studies, Physics & Science  
**Length:** (6) 10-minute lessons  
**Taping Rights:** One year  
**Schedule:** Monday at 1:10 & 1:40  
 Thursday at 1:50  
<http://www.inventingflightschools.org/index.html>

**INVENTING FLIGHT** *Inventing Flight* examines the science and history behind the Wright Brothers’ invention of powered flight. This series enables teachers across the globe to use the Wright Brothers’ compelling historic event to showcase inquiry-based science.

Lessons:	M 1:10	M 1:40	TR 1:50
1. Visions of Flight	10/3	2/6	11/10
2. Wright Time, Wright Place	10/10	2/13	12/1
3. Total Control	10/17	2/20	12/8
4. Wings That Work	10/24	2/27	1/12
5. Power Plus	10/31	3/5	1/26
6. After the Flyer	11/7	3/12	2/23

## IT'S A GAS: MATH & SCIENCE OF THE BLIMP

**Grades:** 6-9   
**Subject:** Math/Science/Technology  
**Length:** (11) 10-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Monday at 1:00 & 1:50  
<http://westernreservepublicmedia.org/blimp/index.htm>



The workings of the blimp provide the framework for teachers to illustrate a number of science concepts. The video series follows two high school students trying to win college scholarships. The two team up and decide to create a documentary about how blimps are made and how they work.


Lessons:	M 1:00	M 1:50
1. History	10/3	2/6
2. Measurement	10/10	2/13
3. Ratio & Proportion	10/17	2/20
4. Surface Area & Volume	10/24	2/27
5. Structures of Matter	10/31	3/5



6. Gas Laws	11/7	3/12
7. Buoyance	11/14	3/19
8. Motion and Forces	11/28	3/26
9. Mapping	12/5	4/2
10. Meteorology	12/12	4/9
11. Design Technology	1/2	4/16

popular *Make* magazine, each half-hour episode inspires millions to think, create, and, well, *make*.


## THE LANGUAGE OF TRAUMA AND LOSS

**Grades:** K-12   
**Subject:** Health/Teacher In-Service  
**Length:** (4) 10-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Monday at 1:00, 1:45 and 1:50;  
 Wednesday at 1:20  
<http://westernreservepublicmedia.org/trauma/index.htm>

*The Language of Trauma and Loss* is a series designed to allow students at the elementary, middle school and high school levels to have a forum for expressing feelings of loss or trauma that have occurred in their lives. The first three programs are tied to the language arts standards, and focus in on the needs of students. Each video gives an open-ended story, or dramatization, for the students to bring in his or her experience. The fourth program is a professional development video that illustrates what role teachers should play when dealing with students who have problems. A companion teacher guide is available online at the Website listed.

<b>Lessons:</b>	<b>M 1:00</b>	<b>M 1:45</b>	<b>M 1:50</b>	<b>W 1:20</b>
1. Dealing with Trauma and Loss	9/5	11/14		2/1
2. Bridget Bunny’s Ordinary Day that Wasn’t	9/12		11/28	2/8
3. My Best friend	9/19		12/5	2/15
4. Erica’s List	9/26		12/12	2/22


## MATH AND SCIENCE GUMBO

**Grades:** 4-6   
**Subject:** Math/Science  
**Length:** (5) 10-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Monday at 1:10  
<http://westernreservepublicmedia.org/gumbo/intro.htm>

*Math and Science Gumbo* takes the unique approach of using food and cooking to teach many principles of math and science. The series focuses on math concepts like unit pricing, fractions, estimation, units of measurement, area and so on. On the science side, the series looks at the concepts of physical and chemical change, preservation, refrigeration, enzymes, microorganisms and gas laws. A companion teacher guide is available online at the Website listed.

<b>Lessons:</b>	<b>M 1:10</b>
1. Grocery Store	11/14
2. Food Preservation	11/28
3. Bake Shop	12/5
4. Restaurant	12/12
5. Pizza Shop	1/2


## MEET THE AUTHOR

**Grades:** 4-6   
**Subject:** Language Arts/Reading  
**Length:** (6) 30-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Wednesday at 1:30

During this program, authors describe their approach to the writing process, talk about character development, and sometimes share a sneak peek at their books not yet published. The connection established between authors and students brings the process of reading and writing to life.


<b>Lessons:</b>	<b>W 1:30</b>
1. Nathaniel Philbrick	11/16
2. Dr. Thomas Holtz	11/30
3. Moira Rose Donohue	12/7
4. William Boniface	12/14
5. Rob Cleveland	1/4
6. Susan Stockdale	1/11

## MAKE

**Grades:** 7-12   
**Subject:** Science/Technology  
**Length:** (10) 30-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Friday (9/2/11 – 9/30/11) at 12:30  
<http://www.makezine.tv/>

*Make:* is the DIY series for a new generation! It celebrates “Makers” - the inventors, artists, geeks and just plain everyday folks who mix new and old technology to create new-fangled marvels. The series encourages everyone to invent, revent, recycle, upcycle, and act up. Based on the


## NASA CONNECT

**Grades:** 7-12   
**Subject:** Science/Math  
**Length:** (6) 60-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Thursday at 1:00  
<http://www.knowitall.org/nasa/connect/index.html>

Share with your students examples of how mathematics and science are used every day by NASA aeronautical engineers and scientists. Hosted by Dr. Shelly Canright of the NASA Langley Research Center, each program includes a lesson, a classroom experiment and a Web-based interactive component designed by Langley’s Learning Technologies Project.

Lessons:	TR 1:00
1. The Right Ratio of Rest: Proportional Reasoning	9/15
2. Team Extreme: The Statistics of Success	10/27
3. The Path of Totality: Measuring Angular Size & Distance	12/1
4. Breaking Barriers: Solving Linear Equations	1/12
5. Good Stress: Building Better Muscles & Bones	3/1
6. Rocket to the Stars	4/12


## NASA DESTINATION TOMORROW

**Grades:** 9-12   
**Subject:** Science/Math  
**Length:** (6) 30-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Thursday at 1:00  
<http://www.knowitall.org/nasa/destination/index.html>

*NASA’s Destination Tomorrow™* is a series that focuses on NASA research. Each exciting program gives the audience an inside look at NASA and demonstrates how research and technology relate to our everyday lives.

Lessons:	TR 1:00
1. NASA’s Aviation Safety Program	9/22
2. Small Aircraft Transportation Program (SATS)	11/10
3. Cassini-Huygens Mission to Saturn & Titan	12/8
4. The Mars Phoenix Mission	1/26
5. NASA’s Radiation Protection Efforts	2/23
6. Food Technology & How it is Used by NASA	3/8


## NASA SCIENCE FILES

**Grades:** 3-5   
**Subject:** Math/Science/Technology  
**Length:** (7) 60-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Thursday at 1:00  
<http://www.knowitall.org/nasa/scifiles/index.html>

The *NASA Science Files* series (formerly called The NASA “Why?” Files) is a standards-based, technology focused, distance learning initiative designed to integrate and enhance the teaching of math, science, and technology in grades 3-5. The series uses problem-based learning and scientific inquiry, including the scientific method and science process skills, to introduce students to the excitement and exploration of real-world mathematics, science and technology.

Lessons:	TR 1:00
1. The Case of the Physical Fitness Challenge	9/8
2. The Case of the Mysterious Material	10/20
3. The Case of the Energy Crunch	11/3
4. The Case of the Deafening Sound	1/5
5. The Case of the Great Space Exploration	2/2
6. The Case of the Ocean Odyssey	3/22
7. The Case of Zany Animal Antics	4/5

## NEWSDEPTH

**Grades:** 7-8   
**Subject:** Social Studies & Current Events  
**Length:** (30) 20-minute programs  
**Taping Rights:** One year  
**Schedule:** Fridays, 9/16/11 – 5/4/12  
 (5/4/12 “Best of”)  
<http://www.wviz.org/education/newsdepth/feature/>

*Newsdepth* is a weekly current events newscast produced at WVIZ, Cleveland that follows the format of commercial news programs and uses commercially shot film footage to bring stories of interest to students. For additional information, check the *Newsdepth* Website for programs and extensions.

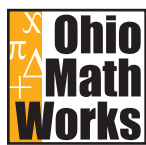
## OHIO'S BICENTENNIAL WAGON TRAIN

**Grades:** 9-12 CC  
**Subject:** Ohio History  
**Length:** (1) 30-minute program  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday, 3/27 at 1:20  
 Thursday, 3/1 at 1:30

In 1803, while still considered part of the western frontier, Ohio became the 17th addition of the United States of America. Two hundred years later, Ohioans from all corners of the state gathered to travel by wagon along the historic National Road, following in the footsteps of Ohio's pioneers on a 24 day, 291-mile journey. This program documents parts of the journey.

## OHIO MATH WORKS

**Grades:** 7-9 CC  
**Subject:** Math  
**Length:** (5) 25-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Monday at 1:30; Wednesday at 1:35  
<http://www.ohiomathworks.org/>



*Ohio Math Works* is an interactive, award-winning, multimedia project that shows students in grades 7, 8 and 9 how industry professionals use mathematics in their careers! Videos take students behind the scenes in companies and give students an opportunity to do the math-based tasks that are done by professionals on the job. In accomplishing these goals, students are taught the math concepts they find most difficult to master.

Lessons:	M 1:30	W 1:35
1. Theme Parks	9/5, 1/2	3/7
2. Snacks	9/12, 1/9	3/14
3. Fashion	9/19, 1/16	3/21
4. Weather: A Whirlwind	9/26, 1/23	3/28
5. Newspapers/Sports: Digital	10/3, 1/30	4/4

## OHIO READING ROAD TRIP

**Grades:** 6-8 CC  
**Subject:** Language Arts  
**Length:** (1) 60-minute program  
**Taping Rights:** Unlimited  
**Schedule:** Monday, 4/30 at 1:00; Tuesday, 1/3 at 1:20; Wednesday, 1/18 at 1:30  
<http://www.ortt.org/>



*Ohio Reading Road Trip* is designed to provide middle school language arts teachers with materials, tools and training that engage students and motivate them to read, and improve the literacy skills they will

use for a lifetime. The *Ohio Reading Road Trip* is a multimedia language arts curriculum for students in grades 6-8. This program is designed to spark students' interest in reading by bringing some of Ohio's best-known authors into the classroom through video, Internet, broadcast, and print resources.

## OHIO ROCKS!

**Grades:** 6-12 CC  
**Subject:** Science  
**Length:** (4) 10-minute programs  
**Taping Rights:** One Year  
**Schedule:** Tuesday at 1:40; Wednesday at 1:00, 1:05 & 1:20  
<http://www.cetconnect.org/ohiorocks/>




Ohio has a diversity of geologic features and regions in Ohio, from flat lake plains in the north, to ruggedly hilly terrain in the South. *Ohio Rocks!* takes viewers out our back door where they can begin a

journey to discovering Ohio's geology. This multi-media project provides teachers with knowledge of Ohio's geologic features, and offers standards-based lessons, on-demand videos and resources for teaching. Additional resources are available at the *Ohio Rocks!* Website.

Lessons:	T 1:40	W 1:00	W 1:05	W 1:20
1. Geology	11/15	9/7	3/7	11/16 & 1/4
2. Fossils	11/29	9/14	3/14	11/30 & 1/11
3. Ice Age	12/6	9/21	3/21	12/7 & 1/18
4. Resources	12/13	9/28	3/28	12/14 & 1/25

## OHIO TREK: A FOCUS ON LITERACY


**Grades:** 3-4   
**Subject:** Literacy  
**Length:** (8) 11-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Monday at 1:20 & 1:30  
<http://www.nwoet.org/ohiotrek/>



*OhioTrek : A Focus on Literacy* is a strategic model designed to prepare third and fourth grade students to meet Ohio’s Fourth Grade Guarantee. *OhioTrek* focuses intently on the improvement of literacy skills – specifically reading and writing – through the context of social studies topics.

Lessons:	M 1:20	M 1:30
1. Introduction	2/13	10/10
2. Farm Life	2/20	10/17
3. My Community	2/27	10/24
4. Producing Toys	3/5	10/31
5. Mound Builders	3/12	11/7
6. Underground Railroad	3/19	11/14
7. Cultural Groups in Ohio	3/26	11/28
8. Appendices	4/2	12/5

## ONE STATE MANY NATIONS


**Grades:** 4   
**Subject:** American History/Social Studies  
**Length:** (5) 10-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Monday at 1:10; Tuesday at 1:00; Wednesday at 1:10 & 1:20  
<http://westernreservepublicmedia.org/onestate/>

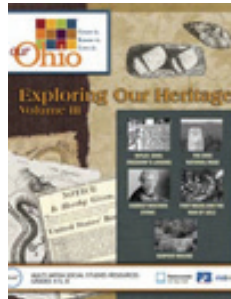


Wherever you look in Ohio, you still find the influence of Native Americans. This program explores the rich cultural and historic heritage of Native Americans in Ohio through five series involving pre-historic Native Americans, historic Native American Culture, and the spiritual life of Native Americans

Lessons:	M 1:10	T 1:00	W 1:10	W 1:20
1. Prehistoric Ohioans	2/13	4/3	12/14	10/12
2. Historic Native Americans	2/20	4/10	1/4	10/19
3. Native American Spiritual Life	2/27	4/17	1/11	10/26
4. The Removal	3/5	4/24	1/18	11/2
5. Native Americans Today	3/12	5/1	1/25	11/9

## OUR OHIO: EXPLORING OUR HERITAGE


**Grades:** 4-5, 8   
**Subject:** Social Studies/History  
**Length:** (5) 7-10-minute videos  
**Taping Rights:** Unlimited  
**Schedule:** Monday at 1:00 and 1:20  
 Wednesday at 1:20  
<http://thinktv.org/node/207>



Season three of *Our Ohio: Exploring Our Heritage* includes five 7-10 minute video segments which take students to historic locations around the state. The videos are aligned to the Ohio Academic Content Standards for grades 4, 5 and 8 and each includes accompanying lessons. The videos and lessons explore the Underground Railroad and abolition movement in Ohio, the Fort Ancient Indians of Serpent Mound, as well as the Ohio National Road and the War of 1812.

Lessons:	M 1:00	M 1:20	W 1:20
1. Ripley, Ohio Freedom’s Landing	2/13	2/14	9/8
2. Harriet Beecher Stowe	2/20	2/21	9/15
3. The Ohio National Road	2/27	2/28	9/22
4. Fort Meigs & the War of 1812	3/5	10/31	9/29
5. Serpent Mound	3/12	11/7	10/6

## PHYSICS ON THE EDGE

**Grades:** 9-12   
**Subject:** Physics/Science  
**Length:** (1) 30-minute program  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday, 1/10 at 1:20

This program is targeted towards middle and high-school-age viewers and K-12 physical science teachers. Using live action, “extreme” demonstrations, and the series intends to showcase the excitement and fun of science, demonstrate real-world applications of physical principles and engage viewers in the concepts and processes of science.

## PRODUCING OHIO: CREATING OUR ECONOMY

**Grade:** 7-8

**Subject:** Economics

**Length:** (5) 20-minute programs

**Taping Rights:** Unlimited

**Schedule:** Monday at 1:00; Tuesday at 1:25; Wednesday at 1:00

<http://www.producingohio.org>



*Producing Ohio* illustrates economics at work in some of Ohio’s most successful businesses while also covering topics aimed at preparing students for Ohio’s Grade Six Achievement Test.

Lessons:	M 1:00	T 1:25	W 1:00
1. Factors of Production	3/19	1/17	2/1
2. Markets & Prices	3/26	1/24	2/8
3. Monopoly & Competitive markets	4/2	1/31	2/15
4. Markets & Competition	4/9	2/7	2/22
5. International Trade	4/16	2/14	2/29

## PROJECT ENLIGHTENMENT

**Grade:** 9-12

**Subject:** American History/Social Studies

**Length:** (1) 30-minute program

**Taping Rights:** Unlimited

**Schedule:** Thursday, 10/27 at 1:30

<http://www.mountvernon.org/index.cfm>

In an exercise of enlightenment, a group of high school students was transformed into citizens of 18th century America and staged a day of intellectual and enlightening conversation at Mount Vernon, the estate of George and Martha Washington. Dressed in colonial costumes and conversing in character, students discussed government, culture, and plantation life. This program offers highlights of the day’s activities.

## QUIZBUS

**Grades:** 4-8

**Subject:** Math

**Length:** (5) 10-minutes programs

**Taping Rights:** Unlimited

**Schedule:** Monday at 1:10; Tuesday at 1:10; Wednesday at 1:00

<http://WesternReservePublicMedia.org/quizbus>



*QuizBus: Dealing with Data* will help students in Grades 4-8 have practice with collecting data, presenting it in an understandable fashion, analyzing the data through graphing, identifying ways data can be distorted and looking at both arithmetic and geometric probability (area models).

Lessons:	M 1:10	T 1:10	W 1:00
1. Introduction to Data Analysis	1/9	10/4	4/4
2. Line Plots, Bar Graphs, and Histograms & Circle Graphs	1/16	10/11	4/11
3. Stem-and Leaf Plots, Box-and-Whisker Plots & Scatter Plots	1/23	10/18	4/18
4. Doing Data Projects	1/30	10/25	4/25
5. Probability	2/6	11/1	5/2

## THE REAL GEORGE WASHINGTON

**Grades:** 9-12

**Subject:** Social Studies/History

**Length:** (1) 45-minute program


**Taping Rights:** Unlimited

**Schedule:** Thursday, 5/3 at 1:15

An exciting program featuring a sneak preview of the many treasures in the galleries of the new Donald W. Reynolds Museum and Education Center and the Ford Orientation Center at the George Washington’s Mount Vernon Estate & Gardens. This state-of-the-art exhibition space reveals the complex and multifaceted man that was the real George Washington.




## RELIVING MORGAN'S RAID

**Grades:** 9-12   
**Subject:** Ohio History  
**Length:** (1) 30-minute program  
**Taping Rights:** Unlimited  
**Schedule:** Thursday, 10/6 at 1:00;  
 Thursday 3/8 at 1:30

Saddle up with over 200 Civil War re-enactors, as they ride across southern Ohio, reliving General John Hunt Morgan's historic raid into the north. Balancing historical insights with first-hand experiences, *Reliving Morgan's Raid* captures four days in the late summer of 2003 when Ohio's countryside once again came alive with the sound of hooves, bugles, guns and cannons.


## SCIENCE SAFARI

**Grades:** K-2   
**Subject:** Science  
**Length:** (4) 15-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Thursday at 1:00 & 1:45; Friday at 1:45

Students go behind the scenes at the National Zoo for a look at the world of animals. Not your typical visit to the zoo, this four-part series shows students where and how animals live and why it's important to protect them. Through the animal world, students learn more about our own ecosystem. These programs give information on bird habitats, food, songs, identification, and migration. Students will learn why animals form herds, the advantages and disadvantages of forming herds, and where herds live, learn about animals native to North America, some of which are endangered, and all about it from the tallest animal to the biggest primate, spider, lizard, and bird—and everyone's favorite, the giant panda.


Lessons:	TR 1:00	TR 1:45	F 1:45
1. In a Word, It's a Bird		9/15	12/9
2. Hey! Have you Heard about Herds?		9/22	12/16
3. Home on the Range	4/26	9/29	
4. Land of the Giants	5/3	10/6	

## SCIGIRLS

**Grades:** 6-8   
**Subject:** Science  
**Length:** (24) 30-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Wednesday at 12:30  
 (1/25/2012 – 7/4/2012)  
<http://pbskids.org/scigirls/>


*SciGirls*, a new PBS KIDS weekly series and website, is out to change how millions of tween girls think about science, technology, engineering and math, or STEM! In each episode, animated characters Izzie and her best friend Jake find themselves in jams only science can fix. To set things right, Izzie calls on smart, curious real-life *SciGirls*, who put STEM to work and save the day. Izzie also invites viewers to hang out on the website, a totally safe social networking environment where girls can connect, create personal profiles and avatars, share projects and watch every episode.

## SEARCHING FOR SLAVE HISTORY

**Grades:** 6-8   
**Subject:** History  
**Length:** (1) 8-minute video  
**Taping Rights:** Unlimited  
**Schedule:** Monday, 2/6 at 1:30;  
 Tuesday, 3/27 at 1:50

Interpreting stories and imagining the past are important aspects of historical thinking. *Searching for Slave History* will engage students in the study of early African American history and slavery in this country through the art of storytelling. This video introduces the field of historical archeology of Slave history.

## SHE'S GOT IT: WOMEN INVENTORS & THEIR INSPIRATION


**Grades:** 4-8   
**Subject:** History  
**Length:** (1) 30-minute program  
**Taping Rights:** One year  
**Schedule:** Tuesday, 2/21 at 1:30

Students explore the interdisciplinary world of invention, learn about the invention process, and meet "Lady Edisons" of the 21st century. This program features women who appeared in the Smithsonian




Institution’s Innovative Lives series. Included in this showcase of creative women is Ann Moore, the inventor of the Snugli Baby Carrier™, and Sally Fox, creator of FoxFibres™. Students will meet young women who have won invention awards and prizes. The New Hampshire Young Inventors Contest and the Lemelson-MIT Apprenticeship program are also highlighted.

## SLAVERY AT MOUNT VERNON

**Grades:** 8-12   
**Subject:** History  
**Length:** (1) 60-minute program  
**Taping Rights:** One year  
**Schedule:** Thursday, 4/26 at 1:15

Mt. Vernon reflected George Washington’s Status in society and his accomplishments in establishing and leading a new nation built on the ideals of “liberty and justice for all.” However, by the late 18th century, Mount Vernon was home to an enslaved community of over 300 men, women, and children. House servants, field hands, and craftsmen built, maintained, and supplied many of the services needed to house, clothe, and feed the equivalent of a small town.

## SMART AND SOBER

**Grades:** 7-12   
**Subject:** Drug Awareness  
**Length:** (1) 25-minute program  
**Taping Rights:** Unlimited  
**Schedule:** Wednesday, 10/26 at 1:30

This edition of the *Smart and Sober* program tackles the devastating consequences of underage drinking. This program is structured as a Town Hall meeting and addresses parents’ issues and concerns.


## SNAP SHOT: THE DECADES

**Grades:** 10  
**Subject:** Social Studies/Language Arts  
**Length:** (5) 10-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Monday at 1:20  
<http://westernreservepublicmedia.org/decades/teachm.htm>

Using historical footage and narration, this series focuses on the social, economic, political and scientific events of each decade – from the 1920s to the 1960s. Teachers can use either the simulation section for an overall approach to the decades or they can use the lesson plans that address each topic in the standards individually. The videos are an overview of each decade, with an emphasis on the topics listed in the educational standards.

<b>Lessons:</b>	<b>M 1:20</b>
1. The Twenties	9/5 & 11/14
2. The Thirties	9/12 & 11/28
3. The Forties	9/19 & 12/5
4. The Fifties	9/27 & 12/12
5. The Sixties	10/3 & 1/2

## SPOTLIGHT: RIFFE GALLERY


**Grades:** 9-12   
**Subject:** Ohio Arts  
**Length:** (6) 30-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday at 1:30

The Ohio Arts Council’s Riffe Gallery showcases the work of Ohio’s artists and the collections of the state’s museums and galleries. The Riffe Gallery is located in the Vern Riffe Center for the Government and the Arts, across from the Statehouse on High Street in Downtown Columbus.

<b>Lessons:</b>	<b>T 1:30</b>
1. Quilt National 2002	9/6
2. Toledo Designs	9/13
3. State of the Arts	9/20
4. View from Here	9/27
5. Imagining Flight	10/4
6. Method & Matrix	10/11




## TEACHING CHANNEL, THE

**Grades:** K-12   
**Subject:** All Subject Areas  
**Length:** Varies  
**Taping Rights:**  
**Schedule:** Fridays, (10/7/11 – 5/4/2012)  
 12:00pm-1:00pm (pre-empted  
 11/25, 12/23, 12/30 & Easter)  
<http://www.teachingchannel.org/>

Inspired teaching, like any great art, should be seen. *The Teaching Channel* sets out to just that with a series of videos that showcases teachers' inspiring and effective teaching practices in America's schools. The show features a variety of topics -planning, class culture, behavior, differentiation, Common Core, assessment and much more. *The Teaching Channel* lifts the curtain on inspiring classrooms not only at the above website, but also on their YouTube and Facebook channels. Be sure to check out this series, along with the website and social media avenues for inspiring insight into what your colleagues around the country are doing!

## TEST THE WATERS


**Grades:** 11   
**Subject:** Earth Science/Economics  
**Length:** (3) 20-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday at 1:00; Wednesday at 1:00  
<http://www.cetconnect.org/testthewaters/>



*Test the Waters* is a CET Learning Services project designed to provide teachers and community members with information about water quality. Cincinnati like many other older American cities is facing challenges posed by an aging infrastructure. Decaying systems threaten our public water supply. Water treatment systems are also facing new challenges from our 21st century life style. Test the Waters will make citizens aware of these serious problems and increase understanding of the various ways they are being addressed by our public utilities and government. Every citizen needs to make informed choices in order to become good stewards of our water supply.


Lessons:	T 1:00	W 1:00
1. Lessons in Lead & Other Contaminants	3/13	11/6
2. One in a Million	3/20	11/30
3. Public Choices	3/27	12/7

## TRADITIONS WORTH CELEBRATING

**Grades:** K-12   
**Subject:** Holiday Traditions  
**Length:** (1) 30-minute program  
**Taping Rights:** Unlimited  
**Schedule:** Thursday, 4/12 at 1:30

Just outside of Columbus stands the Governor's Residence, a Jacobean Revival mansion built in 1925. Then residents, Governor Bob Taft and First Lady Hope Taft, share their holiday traditions since arriving at the Residence in 1999, and encourage all Ohioans to enjoy the spirit of the holiday season. A wonderful holiday special or Christmas day program.

## VERTICES


**Grades:** K-2   
**Subject:** Math/Fine Arts  
**Length:** (4) 5-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Monday at 1:10; Tuesday at 1:05 & 1:45; Wednesday at 1:00 & 1:55; Friday at 1:45 & 1:50  
<http://www.cetconnect.org/vertices/>



*Vertices: Geometry Meets Art* focuses on Ohio's Academic Content Standards in Geometry and Visual Art for grades K-2. Components of the project include Professional Development videos for educators, including pre-assessment tips, questioning strategies, building an effective rubric and effective feedback techniques; student videos on predicting new shapes, recognizing geometric shapes, creating 3-D objects and building 3-D buildings; lesson plans and assessment tools; Careers in Math videos, and additional resources.

Lessons:	M 1:10	T 1:05	T 1:45	W 1:00	W 1:55	F 1:40	F 1:45
4. Building 3-D Buildings	9/5	11/8	1/24	3/7	2/8	9/9	4/13
5. Recognizing Geometric Shapes	9/12	11/15	1/31	3/14	2/15	9/16	4/20
6. Predicting New Shapes	9/19	11/29	2/7	3/21	2/22	9/23	4/27
7. Creating 3-D Shapes	9/26	12/6	2/14	3/28	2/29	9/30	5/4


## WEATHER OR NOT

**Grade:** 6-8   
**Subject:** Science  
**Length:** (4) 15-minute programs  
**Taping Rights:** One year  
**Schedule:** Friday at 1:30

This program is designed to promote learning through exploration of weather and the environment. The series provides students with real-world problems and lifelike simulations to challenge their knowledge and skills in math, general science and meteorology.

<b>Lessons:</b>	<b>F 1:30</b>
1. Atmosphere	1/13
2. Climate	1/20
3. Weather	1/27
4. Severe Storm Tracking	2/3


## WHITE HOUSE 20500

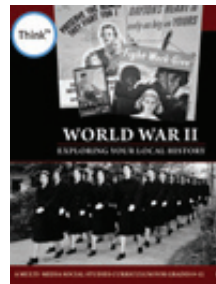
**Grades:** 11   
**Subject:** Social Studies/Citizenship  
**Length:** (15) 10-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday at 1:50  
<http://westernreservepublicmedia.org/itv/whitehou.htm>

Alex and Ravi, the two 8th-grade characters in this story, discover how our government works. The lessons introduce citizenship through a humorous and lively storyline that will maintain student interest. This series is based on the 17 learning outcomes students must master for Ohio's 8th-grade social studies proficiency test.

<b>Lessons:</b>	<b>T 1:50</b>
1. Culture	10/18
2. Types of Government	10/25
3. The Constitution	11/1
4. The Legislative Branch	11/8
5. The Executive Branch	11/15
6. The Judicial Branch	11/29
7. Federalism	12/6
8. The Bill of Rights	12/13
9. American Rights	1/3
10. Voting	1/10
11. Laws	1/17
12. Economic Systems	1/24
13. Taxes & Trade	1/31
14. Civic Responsibility	2/7
15. Test-taking Skills	2/14

## WORLD WAR II: EXPLORING YOUR LOCAL HISTORY

**Grades:** 9-12   
**Subject:** Social Studies  
**Length:** (3) 12-minute videos  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday at 1:30; Friday at 1:45  
<http://thinktv.org/education/k-12-multimedia-resources/world-war-ii-exploring-your-local-history>




*World War II: Exploring Your Local History* is a high school curriculum designed to engage students in learning about World War II. The purpose of this project is to help students learn about the impact of World War II in their own communities and make connections between local history and world events.

Accompanying lessons are available online at the Website listed.

<b>Lessons:</b>	<b>T 1:30</b>	<b>F 1:45</b>	<b>F 1:50</b>
1. Interpreting the Past	10/18	3/23	3/30
2. History Around You	10/25		4/6
3. Conversations Through History	11/1		

## THE WRITE SITE

**Grades:** 6-8   
**Subject:** Journalism/Language Arts  
**Length:** (4) 25-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Tuesday at 1:00; Wednesday at 1:30  
<http://www.writesite.org/>




This Language arts curriculum was developed to improve the reading and writing skills of middle school students. Students take on the role of reporters and editors as they engage in the real-life challenges of reporting news and publishing a newspaper.

<b>Lessons:</b>	<b>T 1:00</b>	<b>W 1:30</b>
1. How the Newspaper Works	2/7	9/7 & 2/1
2. A Day in the Life of a Reporter	2/14	9/14 & 2/8
3. Newspapers in Cyberspace	2/21	9/21 & 2/15
4. Let the Pictures Tell the Story	2/28	9/28 & 2/22



**YOU BE THE PRODUCER**


**Grades:** 6-12   
**Subject:** Technology/Video Production  
**Length:** (4) 5-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Monday at 1:15 and 1:55;  
 Tuesday at 1:00

<http://westernreservepublicmedia.org/producer/intro.htm>

*You Be the Producer* is a series designed to help educators and their students learn about the process of putting together a classroom video from beginning to end. The four videos follow students and teachers, from two high school classes and one middle school class, as they go through the process of producing better video. The concepts illustrated in the four programs include brainstorming an idea, writing a treatment, pitching an idea, creating a script, setting up a shoot, videotaping, editing scenes and producing a DVD. A companion teacher guide and Web resources are available at the above Website.

<b>Lessons:</b>	<b>M 1:15</b>	<b>M 1:55</b>	<b>T 1:00</b>
1. Beginning the Project: Planning	9/5	1/9	11/8
2. Before the Tape Rolls: Preproduction	9/12	1/16	11/15
3. Start the Tape:	9/19	1/23	11/29
4. The Final Product	9/26	1/30	12/6

**ZOO, ZOO, ZOO**

**Grades:** K-6   
**Subject:** Field Trips/Science  
**Length:** (15) 15-minute programs  
**Taping Rights:** Unlimited  
**Schedule:** Friday at 1:30

The fascinating world of animals opens to the camera’s eye in a series filmed entirely where the animals can be seen up close – at the zoo. Each program concentrates on one aspect of animal life: eyes, ears, feet, tails, colors, defenses, talking, moving, eating, preying; and for contrast, a brief visit with the zoo’s human residents.

<b>Lessons:</b>	<b>F 1:30</b>
1. All About Eyes	9/9
2. All About Feet	9/16
3. All About Ears	9/23
4. All About Tails	9/30
5. Animal Costumes	10/7
6. Animal Defenses	10/14
7. The Importance of Predators	10/21
8. Do Animals Talk?	10/28
9. How and What Animals Eat	11/4
10. How Animals Move	11/11
11. How Animals Help Each Other	11/18
12. Zoo Babies	12/2
13. Animals Houses	12/9
14. Animal Groups	12/16
15. Who Works at the Zoo	1/6