



## *Educational Programming Highlights* ~ NOVEMBER 2011 ~

The programs listed below air on Idaho Public Television, and can be recorded for use in the classroom. Most are accompanied by teacher guides and additional information on the accompanying websites. A calendar with additional programs, professional development courses, telecourses and more can be found at <http://www.idahoptv.org/learn/toolbox.cfm>.

\*\*Time zones are MT/PT where two times are shown.

FOR ELEMENTARY CLASSROOMS

### ***Math & Science:***

D4K: THE MOON. Airs Tuesday, Nov. 15 at 2:00/1:00 pm. Joan Cartan-Hansen and her guest scientists will answer your questions this month. <http://www.idahoptv.org/dialogue4kids/> (30 min)

LIFE IS COOL...PASS IT ON! Airs Monday, Nov. 14 at 3:30/2:30 am. Designed to teach upper elementary students about organs and tissues in the human body, and about how transplants work. Life is Cool also shares important nutrition tips and lifestyle choices to help keep those organs healthy! <http://www.wfwa.org/LifelsCool/home.html> (30 min)

DRAGONFLYTV. Airs Tuesdays at 3:00/2:00 am. A hip, fun science show for kids 9 to 12. Two episodes air each day: Dogs & Pittsburgh (11/1), Dallas/Ft. Worth & Los Angeles (11/8), New York & Phoenix/Tucson (11/15), San Francisco & Alaska (11/22). Online Educator's Guides are available at <http://pbskids.org/dragonflytv/> (2 x 30 min)

### ***History:***

AMERICAN EXPERIENCE. The American Experience website includes a section with a format designed especially for kids called WayBack: U.S. History for Kids. The web pages accompany many of the American Experience programs airing each month, and include resources for parents and teachers. Topics include civil rights, U.S. Presidents, the gold rush, and more. Check it out at <http://www.pbskids.org/wayback/>

### ***Music, Art & Literature:***

THE ELECTRIC COMPANY. Airs weekdays at 3:00/2:00 pm. This program teaches children ages 6 to 9 crucial areas of literacy: decoding, vocabulary, comprehension of connected text, and motivation. Check out the educator tools at <http://www.pbs.org/parents/electriccompany/> (30 min)

WORDGIRL. Airing weekdays at 3:30/2:30 pm. WordGirl aims to enrich children's vocabularies and close the gap between those who don't grow up in language rich environments and those who do. The program is for everyone, but mainly ages 4 to 9. Teacher lesson plans and activities can be found at <http://www.pbs.org/parents/wordgirl/> (30 min)

FOR MIDDLE AND HIGH SCHOOL CLASSROOMS

**Math & Science:**

NOVA: THE FABRIC OF THE COSMOS. Airing Wednesdays, Nov. 2 to 23 at 8:00 pm. Journey to the frontiers of physics to observe how scientists are piecing together the most complete picture yet of space, time, and the universe. Episodes are: What is Space? (11/2), The Illusion of Time (11/9), Quantum Leap (11/16), Universe or Multiverse? (11/23). Repeats Saturdays at 4:00/3:00 pm and Mondays at 1:00/12:00 am. <http://www.pbs.org/wgbh/nova/physics/fabric-of-the-cosmos.html> (60 min)

NOVA: THE ELEGANT UNIVERSE. Airing Wednesdays, Nov. 9 to 23 at 9:00 pm. Based on his best-selling book of the same name, theoretical physicist Brian Greene leads this trip through general relativity, which successfully describes big things like galaxies, and quantum mechanics. <http://www.pbs.org/wgbh/nova/physics/elegant-universe-einstein.html> (60 min)

NOVA: THE INCREDIBLE JOURNEY OF THE BUTTERFLIES. Airing Wednesday, Nov. 30 at 8:00pm. Fly with the Monarch butterflies on their 2,000-mile trip across North America to their destination, a tiny area high in the mountains of Mexico they have never seen before. Repeats Saturday at 4:00/3:00 pm and Monday at 1:00/12:00 am. <http://www.pbs.org/wgbh/nova/nature/journey-butterflies.html> (60 min)

NATURALIST. Airing Wednesdays, Nov. 16 & 23 at 3:00/2:00 am. This four part series profiles Henry David Thoreau & Theodore Roosevelt (11/16), and John Muir & John Burroughs (11/23), all notable naturalists. (2 x 30 min)

SCIENTIFIC AMERICAN FRONTIERS. Airing Tuesdays at 2:00/1:00 am. Host Alan Alda takes us from the depths of the conscious mind to the outer reaches of the universe. Each program is accompanied by an online teaching guide filled with science activities. November topics: future car (11/1), climate change in Alaska (11/8), the cosmos (11/15), first Americans (11/22), surgical slimmers (11/29). <http://www.pbs.org/saf/index.html> (60 min)

NATURE. Airing Wednesdays at 7:00 pm. NATURE brings the beauty and wonder of the natural world into homes, and is the benchmark for natural history programs on American television. November topics: animal dwellings (11/2), eagles (11/9), wild turkeys (11/16), cats and dogs (11/30). <http://www.pbs.org/wnet/nature> Repeats Sundays and Tuesdays at 1:00/12:00 am (60 min)

**Social Studies, History and Economics:**

LEWIS AND CLARK: CROSSING THE CENTURIES. Airing Wednesday, Nov. 2 at 2:00/1:00 am. Idaho Public Television's own production traces the Lewis & Clark route from St. Louis, Missouri to Oregon's coast. It looks at the changes 200 years have brought and visits some places on the route that are barely altered. Also examined are the effects of the trek on the Native Americans and their

place in history and today's world. <http://idahoptv.org/lc/crossing/> (60 min)

**ECHOES OF A BITTER CROSSING: LEWIS & CLARK IN IDAHO.** Airs Wednesday, Nov. 9 at 2:00/1:00 am. The two months the Lewis and Clark expedition spent in Idaho on the way to the Pacific Ocean are the focus of this IdahoPTV production. National experts gather on the trail to discuss the expedition and locate sites the explorers visited. A reenactment on the Bitterroot part of the trail and a dugout canoe trip on the Clearwater River recall historic atmosphere. (60 min)

**JOURNEY OF SACAGAWEA.** Airs Wednesday, Nov. 16 at 2:00/1:00 pm. Oral history and tradition among the Lemhi Shoshonis, Sacagawea's descendants, and the Hidatsas, her childhood abductors, profile the person behind the western historical icon. <http://www.idahoptv.org/lc/sacagawea>. (60 min)

**THE LONG WALK: TEARS OF THE NAVAJO.** Airs Thursday, Nov. 3 at 2:00/1:00 am. This film tells the story of the campaign of the U.S. military against the Navajo in the early 1860s, the events leading to it, and the aftermath of the Treaty of 1868 - all of which would change the world of Navajos. [http://www.kued.org/productions/thelongwalk/film/film\\_main.php](http://www.kued.org/productions/thelongwalk/film/film_main.php) (60 min)

**SACRED JOURNEY OF THE NEZ PERCE.** Airs Wednesday, Nov. 23 at 2:00/1:00 am. This is a story of a physical trek over 1,600 difficult miles that has led many Nez Perce back to their cultural roots. Utilizing oral histories, it chronicles the Nez Perce War of 1877, the people's struggle for survival and determination to maintain their culture.

<http://idahoptv.org/productions/archives/sacred/sacred.html> (60 min)

**PLACING OUT: THE ORPHAN TRAINS.** Airs Wednesday, Nov. 30 at 2:00/1:00 am. This tells the story of the estimated 200,000 orphaned, abandoned and runaway children, primarily from industrialized cities in the East, who boarded trains bound for Midwestern farming communities in search of a better life between 1854 and 1929. (60 min)

**HELEN OF TROY.** Airs Monday, Nov. 21 at 2:00/1:00am. Classical historian Bettany Hughes travels across the eastern Mediterranean on an epic journey to find out the truth about Helen of Troy, once called the most beautiful woman on earth. Known as "the face that launched a thousand ships," she has been blamed for causing the Trojan War, a conflict that caused countless deaths. (2 hrs)

**FREE RESOURCES FOR TEACHING FINANCIAL LITERACY.** A special collection of educational digital media resources for use in school and home learning environments to help students understand complex economic concepts is now available. Access, Analyze, Act: From Economic Theory to Financial Reality is available for free at <http://www.pbs.org/teachers/access-analyze-act-economy>

**PBS NEWSHOUR.** Airs weeknights at 6:00 pm. The online NewsHour Extra provides unique current events resources for busy teachers, news stories, pictures, maps, video, in-depth lesson plans, stories written by students and more. <http://www.pbs.org/newshour>

### ***Music, Art & Literature:***

**MASTERPIECE TEACHER GUIDES.** Browse the selection of online teacher guides to help you use Masterpiece films in the classroom. <http://www.pbs.org/wgbh/masterpiece/learn/guides.html>

## FOR PARENTS AND EDUCATORS

TEACHING CHANNEL. Aired Thursdays at 3:00/2:00 am. Teaching Channel takes you inside America's K-12 classrooms with programs that showcase inspiring and effective teaching practices. For detailed topic information and to subscribe to the newsletter, visit <http://www.teachingchannel.org/> (30 min)

WHIZ KIDS. Aired Monday, November 14 at 2:00/1:00 am. This film is a coming-of-age documentary that tells the story of three remarkably different yet equally passionate 17-year-old scientists who vie to compete in the nation's oldest, most prestigious science competition. <http://whizkidsmovie.com> (90 min)

LESSONS FROM THE REAL WORLD. Aired Monday, Nov. 28 at 2:00/1:00 am. This documentary contends that focusing on test scores to improve student achievement is looking in the wrong place. Find out more about the film at <http://www.docmakeronline.com/lessonsfromtherealworld.html> (60 min)

FREE BULLYING RESOURCES. The We Do Listen Foundation has created an illustrated children's book to help make it more comfortable for young children to come forth and report bullying to a teacher. Visit the website [www.wedolisten.com](http://www.wedolisten.com) for free teacher endorsed tools and resources to help 4-8 year olds and their parents and teachers deal with bullying.

GUIDE FOR EDUCATORS. Media literacy experts have created a guide that simplifies the legalities of using copyrighted materials in an academic setting. The Code of Best Practices in Fair Use for Media Literacy Education can be found online at [http://www.centerforsocialmedia.org/resources/fair\\_use\\_and\\_teaching](http://www.centerforsocialmedia.org/resources/fair_use_and_teaching)

## WORKSHOPS BEGINNING THIS MONTH

REDISCOVERING BIOLOGY: MOLECULAR TO GLOBAL PERSPECTIVES. Aired Fridays, Nov. 18 to Dec. 13 at 1:00/12:00 am. Thirteen half-hour programs explain advances in the field of biology in recent decades. <http://www.learner.org/resources/series187.html> (2 x 30 min)

ESSENTIAL SCIENCE FOR TEACHERS: EARTH AND SPACE SCIENCE. Aired Fridays, Nov. 11 to Dec. 30 at 2:00/1:00 am. Provides participants the opportunity to increase their science content knowledge and develop new understandings of how this content connects to K - 6 classrooms. <http://www.learner.org/resources/series195.html> (8 x 60 min)

TEACHING READING K-2: A LIBRARY OF CLASSROOM PRACTICES. Aired Fridays, Nov. 4 to Dec. 9 at 3:00/2:00 am. This 12 part video library features the teaching practices of a diverse cross-section of kindergarten through second grade teachers from across the country. <http://www.learner.org/resources/series162.html> (2 x 30 min)

Thanks for reading!  
IDPTV Learning Services