



Educational Programming Highlights ~ SEPTEMBER 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:SPORTS PHYSIOLOGY. Airs Tuesday, Sept. 20 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)

DRAGONFLYTV. Airs Tuesdays at 3:00/2:00 am. A hip, fun science show for kids 9 to 12. September episodes: investigations & sports science (9/6), wind & forensics (9/13), engineering & planet earth (9/27). 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. Airs 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:

GET THE MATH. Airs Wednesday, Sep. 7 at 3:30/2:30 am. Young professionals with interesting careers in fashion design, videogame development and music production challenge high school students to work through problems connected to their jobs using algebraic thinking. Resources at <http://www.thirteen.org/get-the-math/> (30 min)

NOVA. Airs Wednesdays at 8:00 pm. NOVA is the highest rated science series on television, and the most watched documentary series on public television. September topics: ground zero (9/7), Watson the supercomputer (9/14), Japan's earthquake (9/28). Repeats Saturdays at 4:00/3:00 pm and Mondays at 1:00/12:00 am. <http://www.pbs.org/wgbh/nova> (60 min)

NOVA scienceNOW: HOW DOES THE BRAIN WORK? Airs Wednesday, Sep. 14 at 9:00 pm. Host Neil deGrasse Tyson meets neuroscientists who team with magicians to understand how the human brain processes information. Then, mimicking human thought processes with software is providing new insights into the brain itself. Visit <http://www.pbs.org/wgbh/nova/sciencenow> for more information. Repeats Monday, Sep. 19 at 2:00/1:00 am.(60 min)

SCIENTIFIC AMERICAN FRONTIERS. Airs 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. September topics: submarines (9/6), endangered fish (9/13), placebo effect (9/20), animal sounds (9/27). <http://www.pbs.org/saf/index.html> (60 min)

NATURE. Airs Sundays at 8:00 pm. NATURE brings the beauty and wonder of the natural world into homes, and is the benchmark for natural history programs on American television. September topics: leopards (9/4), monkeys (9/13), crocodiles (9/18), hummingbirds (9/25). <http://www.pbs.org/wnet/nature> Repeats Tuesdays and Sundays at 1:00/12:00 am (60 min)

Social Studies, History and Economics:

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:

IN SEARCH OF MYTHS AND HEROES. Airs Thursdays, Sept. 1 to 22 at 1:00/12:00 am. Host Michael Wood explores four powerful myths: The Queen of Sheba, Jason and the Golden Fleece, King Arthur, and Shangri-La. Teacher resources at <http://www.pbs.org/mythsandheroes> illustrate the presence of mythological themes across cultures and reveal how these four myths are pervasive in modern literature and film. <http://www.pbs.org/mythsandheroes/> (60 min)

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

NO TEXTBOOK ANSWER: COMMUNITIES CONFRONT THE ACHIEVEMENT GAP. Airs Thursday, Sep. 29 at 2:30/1:30 am. Community members began to think about what they could do on their own, without waiting for a state or federal agency to provide funding, to close the achievement gap between minority and low-income children and their white and affluent counterparts. <http://www.kettering.org/achievementgap> (30 min)

ORIGINAL MINDS. Airs Thursday, Sep. 15 at 3:00/2:00 am. Five teenagers stigmatized by being in Special Ed. struggle to articulate how their brains work, and discover that they are smarter than they thought. <http://www.originalmindsfilm.com/> (60 min)

PORTRAITS OF EMOTION. Airs Thursday, Sep. 29 at 3:00/2:00 am. The film follows the life of 14-year-old Jonathan Lerman, an artistic prodigy who is diagnosed with autism, and builds awareness about the effects that autism has on a family over time. <http://www.logtv.com/films/autism/> (60 min)

FROM PICTURES TO WORDS. Airs Thursday, Sep. 1 at 2:00/1:00 am. This documentary tracks the process by which young people can progress from drawing pictures to associating words with those pictures to creating well-crafted stories on their own. Learn more about the program at <http://www.slc.edu/index.php?pageID=2299> (30 min)

FOREVER FRIENDS. Airs Thursday, Sep. 1 at 2:30/1:30 am. This documentary provides a behind-the-scenes look at the groundbreaking Forever Friends program in Wisconsin, with its emphasis on the heartwarming friendship, admiration and respect generated when children and elders connect. <http://www.foreverfriends.org/pages/documentry.html> (30 min)

SEPTEMBER'S CHILDREN. Airs Thursday, Sep. 8 at 3:00/2:00 am. The program focuses on the effect of war and terrorism on children from New York City to Afghanistan, Israel and Gaza. Teachers, parents and others use innovative techniques to treat the emotional havoc caused by violence. (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 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

VIDEO WORKSHOPS BEGINNING THIS MONTH

IN SEARCH OF THE NOVEL. Airs Fridays, Sep. 9 to Oct. 28 at 3:00/2:00 am. Discover creative strategies for bringing novels to life for middle and high school students with this 8 hour workshop. It offers interviews with contemporary authors, literary critics, teachers, and students, as well as film clips from adaptations of the novels featured. <http://www.learner.org/resources/series111.html> (60 min)

PRINCIPLES FOR PRINCIPALS. Airs Fridays, Sep. 23 to Nov. 11 at 1:00/12:00 am. A video workshop on math and science education for K-12 principals. Designed by and for principals working to improve student achievement in mathematics and science, this workshop addresses the specific issues faced by administrators. <http://www.learner.org/resources/series110.html> (8 x 60 min)

PRIVATE UNIVERSE PROJECT IN MATHEMATICS. Airs Fridays, Sep. 30 to Nov. 4 at 2:00/1:00 am. A 6 part video workshop on teaching mathematics for K-12 educators utilizing research that shows children formulate extraordinarily interesting and complex mathematical ideas, even at a very young age. <http://www.learner.org/resources/series120.html> (6 x 60 min)

Thanks for reading!
IDPTV Learning Services