

Technology Toolbox for Teachers

A Guide for Using Media in the Classroom



IDAHO
PUBLIC
TELEVISION

ELEMENTARY/MIDDLE SCHOOL EDITION

DECEMBER 2001 VOLUME 4 ISSUE 4

Programs Look to the Sky

DIALOGUE FOR KIDS Astronomy (UNL)
(30 min) airs December 11 at
2:00/1:00 p.m. MT/PT

What causes meteors? How many stars are in the sky? One of the most fascinating aspects of studying astronomy is the magnitude of directions these explorations can lead students. Host Joan Cartan Hansen; Rick Greenawald, College of Southern Idaho; and John Jurcevic, Assistant Professor of Physics, Albertson College answer student questions. Call in questions live: 1-800-973-9800; Fax: (208) 373-7245, or via e-mail: dialogue4kids@idptv.pbs.org Visit idahoptv.org/dialogue4kids for additional information.

The following programs are also great resources for studying astronomy. Programs listed below air during the instructional block feed (ITV), on Monday through Friday mornings from 1:00 a.m./

12:00 midnight – 3:00/2:00 a.m. MT/PT.

EYEWITNESS Planets airs on December 4 (1 yr) (30 min)

This episode zooms through space and time to reveal the stories behind the discovery of the planets.



REAL SCIENCE Solar Exploration airs on December 4 (LL) (30 min)

The episode looks at pursuing careers in space-related fields and the science and studying that is involved. Web site www.realscience.org has additional information on the jobs highlighted.

NASA CONNECT Geometry and Algebra: The Future Flight Equation airs on December 5 (UNL) (1 hr)

Join NASA engineers and researchers using geometry and algebra to design, develop, and test tomorrow's aircraft. Visit the NASA CONNECT Web site edu.larc.nasa.gov/connect/ for interactive activities, lesson plans and additional background information.

WHAT'S IN THE NEWS? Space (LL) (12, 15-minute episodes) airs on December 4 and 11

This series (scheduled to air back-to-back in 15-minute episodes for easy recording) is organized around three themes: human exploration, Earth's orbit and space technology, and communication advancements. Also be sure to visit the What's In the News? Web site witn.psu.edu/about.html for lesson plans.



For those of you who get our Monthly Newsletter Technology Toolbox electronically, there is an added bonus of receiving additional information regarding our programming that is suitable for use in the classroom. Many readers have written or called saying they missed having this additional information. Thanks for the calls, e-mails and personal notes. It gives us great satisfaction here at IdahoPTV to know that we may have helped you in the classroom. IdahoPTV would like to wish each of you a safe and peaceful holiday season. Best wishes for you and yours,

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Patricia Kempthorne Makes Virtual Classroom Visit for READ FOR 2002

READ FOR 2002 airs Friday, December 14 at 2:30/1:30 p.m. MT/PT

Idaho's First Lady Patricia Kempthorne reads to children statewide via Idaho Public Television on December 14 as part of the national READ for 2002. Mrs. Kempthorne and other first ladies from across the nation will read to children for 2002 seconds. A Payette Primary School class joins Kempthorne in the studio for the taping.

Program Documents Handicapped Youth

SCIENTIFIC AMERICAN FRONTIERS Growing Up Different (1yr) (1hr) airs Tuesday, December 11 at 8:00 p.m. MT/PT

This program has been rescheduled to air in December, it did not air during its original time slot in November. Host Alan Alda meets several kids who are growing up different and the doctors who are trying to help them. Autism, cochlear implants and the latest augmentative technologies are examined. Visit www.pbs.org/saf to download a teacher's guide.

Classic Adventures of Anne Shirley Return to Television

ANNE OF GREEN GABLES (1 yr) airs Sunday, December 2 at 6:00/5:00 pm (90 min), Monday and Tuesday, December 3 and 4 at 7:00 p.m. MT/PT (2 hr)



ANNE OF GREEN GABLES and ANNE OF GREEN GABLES: THE SEQUEL are based on the classic tales of Canadian author Lucy Maud Montgomery. The irresistible

Anne Shirley is a romantic dreamer with an



independent attitude and indomitable spirit who has a warm spot in many readers and viewers hearts. Record this series to use in your classroom to compare and contrast with the novel for a literature unit.

Episode Listings for Daytime TV

Listed below are episode listings for popular children's programming for use in the classroom. These episode listings offer a resource for use of an individual program to suite your specific lesson plans. The program air time and Web site are also listed.

ADVENTURES FROM THE BOOK OF VIRTUES

Airs Sundays 10:30/9:30 a.m. MT/PT

(1 year)

pbskids.org/adventures/

Day	Date	Episode #	Theme
Su	2	311	Gratitude
Su	9	312	Compassion
Su	16	313	Compassion
Su	23	312, 313	Compassion
			(Begins at 10:00/9:00 a.m.)
Su	30	102	Honesty

ARTHUR

Airs M-F, 7:00/6:00 a.m.; 10:00/9:00 a.m.;

3:30/2:30 p.m. MT/PT and Sundays,

9:30/8:30 a.m. MT/PT (1 year)

www.pbs.org/arthur



Based on the popular books by Marc Brown, Arthur and his friends manage to solve their third-grade crises with imagination, kindness and a lot of humor.

BETWEEN THE LIONS

Airs M-F 11:00/10:00 a.m. MT/PT. Repeats at 5:00 p.m. PT

only. (1 year) www.pbs.org/lions

Designed to help children develop literacy skills and excitement about reading, this series takes off where Sesame Street leaves off.

12/3 – 12/07	Vowel sounds
12/10 - 12/21	Concepts Vary
12/24 – 12/31	Folktales from Many Lands

CLIFFORD THE BIG RED DOG

Airs M-F at 7:30/6:30 a.m. and 3:00/2:00 p.m. MT/PT Repeats

at 4:30 p.m. PT (1 year) www.pbs.org/clifford

Based on the popular series by Norman Bridwell.

PLAZA SESAMO

Airs Sundays at 8:00/7:00 a.m. MT/PT

Learn Spanish with the gang from Sesame Street.

READING RAINBOW

Airs M-F at 2:30/1:30 p.m. MT/PT

(1 year)

gpn.unl.edu/rainbow/



Day	Date	Number	Title/Theme
M	3	410	Runaway Duck /Chesapeake Bay waterfowl and duck carving
T	4	411	A Three Hat Day/

W	5	412	Racetracks and hockey
Th	6	413	Rumpelstiltskin/Renaissance Fair
F	7	414	Best Friends /Dogs
			Meanwhile Back at the Ranch/ The Old West
M	10	415	My Little Island/Caribbean Islands
T	11	501	The Bionic Bunny Show/ Set of Star Trek: Next Generation
W	12	502	Bugs/Insects and butterflies
Th	13	503	Robbery at the Diamond Dog Diner/ Diners and making pasta
F	14	504	Brush/ 3-D animation and parade floats
M	17	505	The Purple Coat/Fashion design
T	18	506	Barn Dance! Barn dancing
W	19	507	Duncan and Dolores/Cats
Th	20	508	Knots on a Counting Rope/ Overcoming disability
F	21	509	Mummies Made in Egypt/ Egypt and mummies
M	24	510	Mufaro's Beautiful Daughters/ African culture
T	25	601	Humphrey the Lost Whale: A True Story/Whales
W	26	602	Stay Away From the Junkyard/ "Junk" and its uses
Th	27	603	Little Nino's Pizzeria/Pizza
F	28	604	Ludlow Laughs/Comedy
M	31	605	Dinosaur Bob and His Adventures with the Family Lizardo/Baseball

SAGWA

Airs M-F at 4:00/3:00 p.m.; Also airs Sundays at 9:00/8:00

a.m. MT/PT (1 year) www.pbs.org/sagwa

Based on the children's book, Sagwa, The Chinese Siamese Cat, by acclaimed author Amy Tan, Sagwa highlights both the differences and similarities that exist across cultures.

ZOOM

Airs Monday-Friday 4:30/3:30 p.m. MT/PT (1 year)

www.pbs.org/zoom

Sponsored by the National Science Foundation, ZOOM demonstrates fun, hands-on science experiments while encouraging kids to turn off television and explore the world around them.

STANDARD DEVIANTS

Airs Saturday mornings 9:00/8:00 a.m. MT/PT (1 year)

www.pbs.org/standarddeviantstv/

Day	Date	Number	Title/Theme
S	1	213	Give Me Liberty! – Examines Civil Liberties
S	8	214	Othello – Overview of Shakespeare's masterpiece
S	15	215	Revenge of the Verbs – Use of Verbs En Español
S	22	216	Parlez-vous Français? – Common expressions in French.
S	29	217	Physics: Rootin' Tootin' Newton

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DECEMBER SATURDAY

1 Telecourses Continue
1:00 am/12:00 midnight (W)
Standard Deviants Give Me Liberty! 9:00/8:00 am (W,TR)
National Geographic Return of the Wolf 4:00/3:00 pm

SUNDAY






MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

<p>2 Telecourses Continue 2:00/1:00 am (W) Plaza Sesamo 8:00/7:00 am Adventures From the Book of Virtues 10:30/9:30 am (W,TR) Anne of Green Gables 6:00/5:00 pm (W,TR) Idaho Edens 8:00/7:00 pm (W)</p>	<p>3 ITV: Start Right #1-5 1:00 am/12:00 midnight - 3:00/2:00 am (W) Anne of Green Gables 7:00 pm (W,TR)</p> 	<p>4 ITV: Eyewitness Planets, Real Science Solar Exploration, What's In the News? Space #1-4 1:00 am/12:00 midnight - 3:00/2:00 am (W,TR) Anne of Green Gables: The Sequel 7:00 pm (W,TR) Navy Blue Messiah 2001 9:00 pm</p>	<p>5 ITV: Teacher Request 1:00 am/12:00 midnight - 3:00/2:00 am (W) Anne of Green Gables: The Sequel 7:00 pm (W,TR)</p> 	<p>6 ITV: SDE Newscast, What's In the News?, NASA CONNECT Geometry and Algebra: The Future Flight Equation NASA WHY? Files Case Of the "Wright" Invention 1:00 am/12:00 midnight - 3:00/2:00 am (W,TR) River of No Return: Idaho's Scenic Salmon 8:00/7:00 pm</p>	<p>7 ITV: Primary Sources: Workshops in American History 1:00 am/12:00 midnight - 3:00/2:00 am (W,TR) Isaac Stern: Life's Virtuoso 8 pm</p>	<p>8 Telecourses Continue 1:00 am/12:00 midnight (W) Standard Deviants Othello 9:00/8:00 am (W,TR) National Geographic Lions of the African Night 4:00/3:00 pm</p>
<p>9 Telecourses Continue 2:00/1:00 am (W) Plaza Sesamo 8:00/7:00 am Adv. From the Book of Virtues 10:30/9:30 am (W,TR) Nature Baby Tales 8:00/7:00 pm (W) Christmas Carol 9:00/8:00 pm</p>	<p>10 ITV: Start Right #6-7, Worth The Risk 1:00 am/12:00 midnight - 3:00/2:00 am (W) Masterpiece Theatre David Copperfield, Part 1 8:00 pm (W,TR) Amazing Grace with Bill Moyers 9:30 pm</p> 	<p>11 ITV: What's In the News? Space #5-12 1:00 am/12:00 midnight - 3:00/2:00 am (W,TR) NOVA Methuselah Tree 7:00 pm (W,TR) Scientific American Frontiers Growing Up Different 8:00 pm (W, TR)</p>	<p>12 ITV: Teacher Request 1:00 am/12:00 midnight - 3:00/2:00 am (W) Lady Bird 9:00 pm Nobel: Visions of Our Century 10:00 pm</p>	<p>13 ITV: SDE Newscast, What's in the News? Human Rights: Youth Perspectives #1-4, In the Mix Relationships 1:00 am/12:00 midnight - 3:00/2:00 am (W,TR) Western Divide 8:00 pm (W) P.O.V. Promises 9:00 pm (W)</p>	<p>14 ITV: Primary Sources: Workshops in American History 1:00 am/12:00 midnight - 3:00/2:00 am (W,TR) Read for 2002 Patricia Kempthorne 2:00/1:00 pm</p>	<p>15 Whole Child 5:00/4:00 am (W,TR) Right From Birth 6:00/5:00 am (W) Standard Deviants Revenge of the Verbs 9:00/8:00 am (W,TR) National Geographic Tigers of the Snow 4:00/3:00 pm</p> 
<p>16 Elementary School Math Project 3:30/2:30 - 6:00/5:00 am (W,TR) Plaza Sesamo 8:00/7:00 am Adv. From the Book of Virtues 10:30/9:30 am (W,TR) Nature Ravens 8:00/7:00 pm (W) American Masters Merce Cunningham 9:00/8:00 pm (W,TR)</p>	<p>17 ITV: Your College Experience: Strategies for Success, Widen Your Choices 1:00 am/12:00 midnight - 3:00/2:00 am (W,TR) Masterpiece Theatre David Copperfield, Part 2 8:00 pm (W,TR)</p>	<p>18 ITV: Real Science #410 - 413 1:00 am/12:00 midnight - 3/2 am (W,TR) NOVA The Perfect Pearl 7:00 pm (W,TR) She Says: Women in News 9:00 pm Independent Lens Who Owns the Past? 10:00 pm (W,TR)</p>	<p>19 ITV: Teacher Request 1:00 am/12:00 midnight - 3:00/2:00 am (W) Silent Mouse 7:00 pm Live From Lincoln Center Nutcracker Swing 8:00 pm (W) Amato: A Love Affair with Opera 10:00 pm</p>	<p>20 ITV: SDE Newscast, What's In the News? Images of America 1:00 am/12:00 midnight - 3:00/2:00 am (W,TR) Outdoor Idaho In the Shadow of the Tetons 8:00/7:00 pm</p>	<p>21 ITV: Primary Sources: Workshops in American History 1:00 am/12:00 midnight - 3:00/2:00 am (W,TR)</p>	<p>22 Whole Child 5:00/4:00 am (W,TR) Right From Birth 6:00/5:00 am (W,TR) Standard Deviants Parlez-vous Francais 9:00/8:00 am (W,TR) National Geographic Mysteries of Mankind 4:00/3:00 pm</p>
<p>23 Plaza Sesamo 8:00/7:00 am Adv. From the Book of Virtues 10:30/9:30 am (W,TR)</p>	<p>24 Arthur's Perfect Christmas 7:00 pm (W,TR) Utah Symphony & Mormon Tabernacle Choir 8:00 pm</p>	<p>25 People and Pianos - 300 Years 9:00 pm Joffrey Nutcracker 10:00 pm</p> 	<p>26 National Geographic Inside the Vatican 7:00 pm Great Performances The Nutcracker from the Royal Ballet 8:00 pm (W,TR) Vermeer: Master of Light 10:00 pm</p>	<p>27 Outdoor Idaho Home Movies 8:00/7:00 pm Metropolitan Opera Presents The Met Celebrates Verdi, Part 2 9:00 pm</p>	<p>28 ITV: Primary Sources: Workshops in American History 1:00 am/12:00 midnight - 3:00/2:00 am (W,TR)</p>	<p>29 Whole Child 5:00/4:00 am (W,TR) Right From Birth 6:00/5:00 am (W,TR) Standard Deviants Physics: Rootin' Tootin' Newton 9:00/8:00 am (W,TR) National Geographic Inside the Vatican 4:00/3:00 pm</p>
<p>30 Plaza Sesamo 8:00/7:00 am Adventures From the Book of Virtues 10:30/9:30 am (W,TR) Nature 8:00/7:00 pm (W)</p>	<p>31 Crucible of the Millennium 8:00 pm</p>					

Visit our Web site for detailed program information at idahoptv.org/learn/