

FEB	3 MON	4 TUE	5 WED	6 THU	7 FRI
1:00 PM	NOVA <i>Ghosts of Murdered Kings</i>	Hawking	NASA 360	West Virginia: A Film History Part 7 of 7	Teaching Channel <i>Teaching ELA to the Core</i>
1:30 PM			NASA Connect <i>The Astronaut's Helper</i>		

FEB	10 MON	11 TUE	12 WED	13 THU	14 FRI
1:00 PM	Campus Connection	Super Skyscrapers <i>One World Trade Center</i>	NASA 360	Colonial Williamsburg <i>Harsh World, This World</i>	Teaching Channel <i>Middle School Math & Science</i>
1:30 PM	Retro News <i>April in the News</i>		NASA Connect <i>Dancing in the Night</i>		

FEB	17 MON	18 TUE	19 WED	20 THU	21 FRI
1:00 PM	Campus Connection	Super Skyscrapers <i>Building the Future</i>	NASA 360	West Virginia: A Film History Part 1 of 7	Teaching Channel <i>Celebrating Science</i>
1:30 PM	Retro News <i>News of 1941</i>		NASA Connect <i>Functions & Statistics: Dressed for Space</i>		

FEB	24 MON	25 TUE	26 WED	27 THU	28 FRI
1:00 PM	Campus Connection	Super Skyscrapers <i>The Vertical City</i>	NASA 360	West Virginia: A Film History Part 2 of 7	Teaching Channel <i>Elementary School Basics</i>
1:30 PM	Retro News		NASA Connect <i>The A Train</i>		

Teaching Channel Presents -- Teaching Channel is a video showcase -- on the Internet and TV -- of innovative and effective teaching practices in America's schools. Resources at <https://www.teachingchannel.org/>

FEB 7: Teaching ELA to the Core -- We'll drill down into the Common Core State Standards for English Language Arts and see teachers succeed, and stumble, as they work to incorporate material that not all students are ready to handle.

FEB 14: Middle School Math & Science -- We'll immerse ourselves in Middle School math and science—from using your whole body to graph linear equations to going on a pond water safari—these classes are engaging and inventive.

FEB 21: Celebrating Science -- Some things run on batteries, some bubble over, some throw sparks—anything can happen in science class as students study everything from Robotics to Physics to Boyle's Law.

FEB 28: Elementary School Basics -- Follow along for a full hour with eager-to-learn elementary school students. From doing the "Monster Match" for English, to Decimal Games in Math, to exploring ecosystems in Science, these lessons are inviting and visual.



Entries may be submitted until March 31.
See our website for details. (<http://wvpublic.org/post/calling-k-3rd-grade-authors>)

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Program Descriptions



Colonial Williamsburg Electronic Field Trip -- (Grades 4-8) 7/60 min. -- Take your students to places and events far outside the walls of your classroom. There are no financial obligations for viewing the seven 60-minute programs. If schools want to obtain extended off-air record rights and additional online and print materials, they must register with Colonial Williamsburg at www.history.org/trips or call 1-800-761-8331. The registration fee is \$120 for each field trip, or all for \$500. Schools with satellite receivers must register to receive the

satellite coordinates. These programs will be broadcast LIVE at 1 p.m. as listed below.

February 13: "Harsh World, This World" **March 14:** "Civil War Ironclads" (premiere)

April 11: "The War of 1812"

Hawking -- This is the intimate and revealing story of Stephen Hawking's life. Told for the first time in Hawking's own words and with unique access to his home and public life. The audience joins him at home, under the care of his nursing team; in San Jose as he "wows" a packed theatre audience; in Silicon Valley as he meets a team of technicians who hope to speed up his communication system; and as he throws a party for family and friends. **Hawking** also carefully tells Hawking's life journey, from boyhood under-achiever to PhD genius, and from a healthy cox on the Oxford rowing team to diagnosis of motor neuron disease, given just two years to live — yet surviving several close brushes with death.

NASA 360 -- (All ages) A 30-minute magazine-style program highlighting NASA's impact on daily life. Real-life applications of technology, engineering, science and mathematics including these topics: global warming, solar technologies, electric cars, ski designs, auto racing and more.

NASA Connect -- (Grades 6-8) A series of math-focused programs supporting national educational standards in math, science and technology. Each 30-minute episode presents concepts used every day by NASA researchers. [Educator guides](#) and online activities available.

NOVA -- "Ghosts of Murdered Kings" -- In the hills of Ireland's County Tipperary, a laborer harvesting peat from a dried-up bog spots the remnants of a corpse — a headless torso almost perfectly preserved and stained dark brown by the bog. Archaeologists recognize it as one of Europe's rare bog bodies: prehistoric corpses flung into the marshes. The corpse eventually will be dated to the Bronze Age, more than 4,000 years ago. **NOVA** follows archaeologists and forensic experts in their hunt for clues to the identity and the circumstances of this and other violent deaths of bog body victims. A new theory emerges that they are ritually murdered kings, slain to assure the fertility of land and people.

Retro News -- From their virtual newsroom, teen journalists bring significant, interesting and humorous historic events to life with authentic news footage from the archives. Kids will see and hear newsmakers like Albert Einstein, Franklin Roosevelt, Amelia Earhart and John Kennedy. They will see Mount Rushmore take shape, the Wright brothers fly and John Glenn blast into space; witness big advances in technology unfold like the telephone, the airplane and plastic as well as wacky inventions like the card table that deals for you and a machine that makes rain.

Super Skyscrapers -- As urban space shrinks, we build higher and faster than ever before, creating a new generation of skyscrapers. Super skyscrapers are pushing the limits of engineering, technology and design to become greener, stronger, smarter and more luxurious than their predecessors.



This four-part series follows the creation of four extraordinary buildings, showcasing how they will revolutionize the way we live, work and protect ourselves from potential threats.

FEB 11: "One World Trade Center" -- the tallest building in the western hemisphere and a famous modern landmark, is engineered to be the safest and strongest skyscraper ever built.

FEB 18: "Building the Future" -- Commonly known as "the cheese grater," the Leadenhall Building is the pinnacle of London's avant-garde architecture. Designed as a tapered tower with a steel exoskeleton, it's the tallest skyscraper in the City of London and the most innovative.

FEB 25: "The Vertical City" -- Shanghai Tower isn't just a skyscraper — it's a vertical city, a collection of businesses, services and hotels all in one place, fitting a population the size of Monaco into a footprint the size of a football field.

West Virginia: A Film History (Transcript) -- The documentary from the 1980s is narrated by Richard Thomas. It begins with the native people, early exploration and the struggle for the land, chronicling the frontier era, settlement, the Civil War and statehood, railroads, immigration and industrialization, then moves down through the 20th century.