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PBS Educational Programs Provides Learning Opportunities

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Where in Iowa is Martha?

The star of *Martha Speaks* will be visiting Iowa soon! She will be visiting communities where our Education staff have been working this year. Has your community ever been chosen as a Ready for School community? If so, she might be headed to your library or school. If not, [let us know](#) if you think your community might be interested in participating in our Ready for School project.



Martha Speaks is an animated series on PBS KIDS aimed at viewers 4 to 7 years old. Martha is the family's beloved dog who ate alphabet soup and now can speak. Martha's educational goal is to teach kids new words since vocabulary is a valuable predictor of becoming a good reader. Visit the many [Martha resources on PBS LearningMedia](#).

IPTV Local

Commodity Market Questions Wanted Every Week for Market to Market

The producers of the *Market to Market* program are looking for commodity market questions from students. Every week, you can make submissions to the weekly journal of rural America via [Facebook](#), [Twitter](#) or [email](#). The questions will be answered during either the commodity market analysis or Market Plus segments of the program. The deadline is 12:30 p.m. every Friday.



STEM Resources

Multimedia



Digital Literacy with the NOVA Cybersecurity Lab

NOVA has teamed up with cybersecurity experts to create the [Cybersecurity Lab](#), a game in which players will discover how they can keep their digital lives safe and develop an understanding of cyber threats and defenses.

The player assumes the role of the chief technology officer of a startup social network and uses computer coding, logical reasoning, critical thinking and vulnerability detection to solve various problems created by increasingly sophisticated cyber attacks.

There are four major gameplay components: a coding challenge, a password challenge, a social engineering challenge and a series of cyber battles.

Programming

The Great War

In conjunction with the 100th anniversary of America's entry into the war on April 6, 1917, [The Great War](#), a six-hour documentary presented over three nights, explores how World War I changed America and the world. Drawing on the latest scholarship, including unpublished diaries, memoirs and letters, *The Great War* tells the rich and complex story of the conflict through the voices of nurses, journalists, aviators and the American troops who came to be known as "doughboys."



IPTV Local

Is Your School Planning Your Professional Development for 2017-2018?

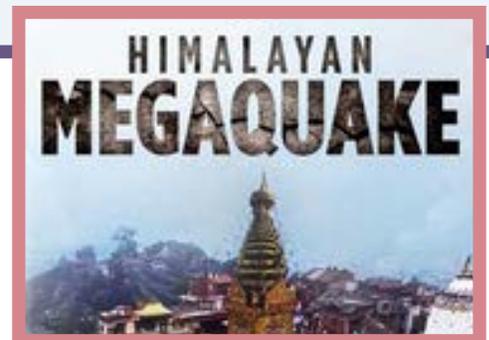


As your school plans its professional development offerings for your staff, have you considered including IPTV Education as a frontrunner? If your school is interested in free, engaging resources for all ages and content areas [contact Angela Hiatt](#), IPTV Education's outreach coordinator. IPTV Education serves Iowa statewide, always free of charge. In addition to free trainings, IPTV can also support your school in literacy nights, STEM events and any other time families are in the building.

Programming

Himalayan Megaquake

On April 25, 2015, a devastating earthquake rocked Nepal. Hear the harrowing stories of the Nepalese people who lived near the epicenter and of survivors trapped on Everest. Through dramatic eyewitness footage, expert interviews and stunning graphics, **NOVA** reveals the anatomy of this megaquake while scientists race to answer urgent questions—Is another big one just around the corner? What can we learn from the deadly combination of earthquakes and landslides? It airs April 4, 2017.



PBS LearningMedia Collections

PBS LearningMedia is your destination for direct access to thousands of classroom-ready, curriculum-targeted digital resources. It builds on the strength of public media and is designed to improve teacher effectiveness and student achievement.

All Grades

Do You Want to Use PBS LearningMedia in Your Classroom?



If you are interested in learning about **PBS LearningMedia** for your classroom, contact us! We travel to schools across the state to showcase more than 100,000 resources that are waiting for you online! We can customize a session to meet your needs and even help your students create accounts. IPTV is finding great success in providing teacher trainings first, allowing teachers to become familiar with our resources, then returning to train your students and help them to create accounts. We can also return to assist in a parent or community night to show families how to use our resources to further learning at home. To learn more, contact Angela Hiatt at angela.hiatt@iptv.org.

Grades PreK-8

Découverte

Découverte is a collection of resources for teaching the French language. The collection includes a variety of video segments and animations sure to engage even the youngest learners.

Grades 2-13+

Learning French

Discover a wealth of fun educational French videos created with learners in mind. Whether they are totally new to French or growing up in a French immersion program, the **Learning French** collection helps parents, students and educators make bilingual education easy. This growing collection of instructional resources is designed for beginner and intermediate learners of French as a second language, French as a foreign language and their teachers.

Grades 6-12

Spillover - Zika, Ebola & Beyond

Over the last few decades, diseases that spill over from animals to humans have been on the rise. Learn what's behind the increase, and what we might be able to do to fight these dangerous diseases. [Join scientists](#) as they investigate the rise of spillover viruses like Zika, Ebola and Nipah, and see what doctors and scientists are doing to anticipate and prevent epidemics around the world.

Grades 9-12

Masterpiece: Historical Drama Collection

Meet young Queen Victoria and learn about her influence on the anti-slavery movement and the English jury system using excerpts from the 2017 drama series **Victoria on Masterpiece**. [These resources](#) offer social studies teachers exciting new tools to teach students about Queen Victoria and her times.

Classroom Strategies

Technology



Digital Innovator: Gina Ruffcorn

Gina teaches 5th grade at West Harrison Elementary in Blencoe, Iowa. She has been working in education for 13 years. Her inspiration to become an educator came when she volunteered for her daughter's early elementary classrooms and served as a listener for first grade readers who needed practice. The more time she spent with kids in an educational setting, the more she wanted to teach. Gina keeps students engaged in her classroom by differentiating activities, using lots of movement and keeping the learning relevant and authentic. Gina's advice for incoming teachers is to embrace change, practice flexibility and remember to laugh often and uproariously.

Early Childhood

Math Activity Calendar from PBS



Giving your child experiences with math at an early age is easy when it is planned out for you. Check out the [Math Activity Calendar](#) from PBS Kids. Each day of the year provides parents and teachers with a fun math activity to do with their children. The calendar is also easy to print in English or Spanish.

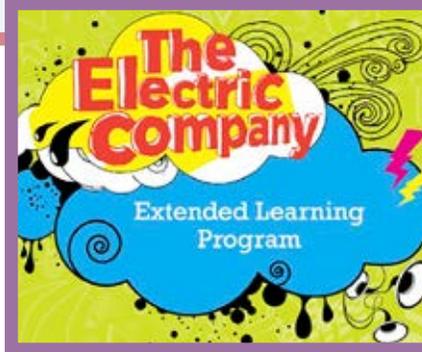
Upcoming with IPTV

Visit Us Here



Elementary

The Electric Company's Extended Learning Program



[The Electric Company's Extended Learning Program](#) is an 18-week multimedia programming experience consisting of 36 sessions designed to be delivered twice a week in after-school programs and other out-of-schooltime settings. This model provides for confident and consistent implementation by including scripted group facilitation, a cluster of video clips, targeted broadband activities, individual or peer activity sheets and take-home activities for the family.

Each month IPTV Educational Services attends conferences, contributes to events and even offers customized webinars. Our list of upcoming events is below. Contact us if you'd like to schedule a training or invite us to one of your events.

April 3
Iowa Association of School Librarians Conference
West Des Moines, IA

April 4
SCI/Metro Area STEM Festival
Des Moines, IA

April 5
Iowa 1:1 Institute
Des Moines, IA

April 7
Elementary Literacy Conference
Cedar Falls, IA

April 8
Centerville Health Fair
Centerville, IA

April 13
Northeast Iowa Family STEM Festival
Decorah, IA

Secondary

Elections Bring Change to Agriculture and Rural America



Changes in political leadership are expected to bring change to federal and state policies that will impact agriculture and rural America. IPTV's [Market to Market Classroom](#) challenges students to identify an agriculture-related business and examine how it is influenced by government policies. Timely videos and classroom resources help students gain a deeper understanding of the connections among government, agriculture and our everyday lives. Resources help students produce high-quality, relevant stories that connect communities to national and global current events. Make sure to browse the support materials designed for teachers and students.

Find ongoing information on Iptv.org/education