As part of that effort, IPTV Education staff members work tirelessly educating Iowans about the variety of free resources and offerings from IPTV and PBS. Our outreach team has:

• Trained 11,000 Iowans over the past year through IPTV Education services and events.
• Reached more than 15,000 Iowans at STEM events.
• Helped register more than 18,000 teachers for PBS LearningMedia.
• Staffed events attended by more than 86,000 lifelong learners in 2018.

Throughout the year, we’ll mark this golden anniversary with special programs and events that celebrate IPTV—Yesterday, Today, and Tomorrow...Together.

We hope you will join us at any or all opportunities because IPTV’s legacy is also Iowa’s legacy, and we have a lot to celebrate!

Iowa Public Television celebrates its 50th anniversary this year. Since 1969, IPTV’s mission has reached far beyond its broadcast...educating, informing, enriching and inspiring Iowans. From that first live, over-the-air transmission in 1969, to today’s 24/7 access through Iptv.org, the IPTV KIDS livestream and 36 million minutes viewed on our YouTube channels, IPTV continues to educate Iowans like no one else can.

As part of that effort, IPTV Education staff members work tirelessly educating Iowans about the variety of free resources and offerings from IPTV and PBS. Our outreach team has:

• Trained 11,000 Iowans over the past year through IPTV Education services and events.
• Reached more than 15,000 Iowans at STEM events.
• Helped register more than 18,000 teachers for PBS LearningMedia.
• Staffed events attended by more than 86,000 lifelong learners in 2018.

Throughout the year, we’ll mark this golden anniversary with special programs and events that celebrate IPTV—Yesterday, Today, and Tomorrow...Together.

We hope you will join us at any or all opportunities because IPTV’s legacy is also Iowa’s legacy, and we have a lot to celebrate!

IPTV Local

Literacy Training Opportunity

IPTV Education's Literacy Digital Resources training will be offered in Waterloo in April. Child Care Resource & Referral of Northeast Iowa will be cosponsoring this free event for two hours of training. In this course attendees will discuss how to plan meaningful early learning experiences that build on preschoolers’ prior knowledge, expand their vocabulary and highlight the importance of literacy and digital literacy. Register today!
**Evolution Lab**

What could you possibly have in common with a mushroom, or a dinosaur, or even a bacterium? More than you might think. In this lab, you’ll puzzle out the evolutionary relationships linking together a spectacular array of species.

Explore the tree of life and get a front row seat to what some have called the greatest show on Earth. That show is evolution.

By the end of this lab, you’ll have a solid understanding of evolution and how it has led to the astonishing diversity of life on Earth. And if you’re among the many people who are confused by common misconceptions about evolution—for example, if you think it’s something that only happened in the past, or that it moves with a purpose toward ever-greater perfection—you’ll learn the real deal.

So what are you waiting for? Play the lab, get to know your extended family tree, and discover just how connected you are to everything that’s alive and everything that’s ever lived.

---

**The Next Pompeii**

In the shadow of Italy’s Vesuvius, a lesser-known volcano rumbles: Campi Flegrei. An eruption could endanger the millions of residents of the city of Naples. Scientists gain new insights into what happened in nearby Pompeii, and dig into the unique geology of Campi Flegrei. How will they know if the ever-shifting ground is reaching a breaking point? And can an innovative eruption warning system prevent Naples from becoming the next Pompeii? *The Next Pompeii* is brought to you by *NOVA*.

---

**IPTV Launches KIDS Clubhouse Adventures Mobile App**

Iowa Public Television announced today its release of a mobile app featuring content from its popular children’s show, *KIDS Clubhouse Adventures*. The app is available for free download on the Apple App Store and Google Play for Android devices. The app allows kids and parents to stream full episodes and other fun videos from the *KIDS Clubhouse Adventures* series from their mobile devices such as smart phones or tablets. This series, along with popular PBS KIDS programs, can also be enjoyed via statewide broadcast, on YouTube and at iptv.org.

---

**Iowa Land and Sky**

Through the use of mesmerizing aerial videography and stunning on-the-ground camera work, *Iowa Land and Sky* will delight, entrance and transport viewers across the state’s breathtaking landscapes. Leveraging the latest advancements in aerial drone cinematography, this program brings viewers a unique bird’s-eye perspective of the state’s landforms, waterways and towns. *Iowa Land and Sky* presents an entertaining and educational exploration of Iowa’s communities, natural environments and environmental challenges.
**Online Resources**

**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.

**Grades PreK–3**

**PBS KIDS Scratch Jr**

This collection offers a variety of lesson plans and resources for educators to use to introduce children ages 5-8 to creative coding by challenging them to create their own stories, games and animations with the PBS KIDS ScratchJr tablet app. The site also contains support videos and a self-paced workshop for educators looking to explore the what, why and how of creative coding for young children.

**Grades PreK–12**

**NASA Planetary Sciences**

These videos and interactives from NASA have been adapted for classrooms to explore the exciting discoveries from NASA missions about the planets, moons and other objects in our solar system. You'll also find interactive lessons for middle and high school students and for teacher professional development.

**Grades 5–12**

**Faces of America with Henry Louis Gates Jr.**

What made America? What makes us? These two questions are at the heart of the PBS series **Faces of America with Henry Louis Gates Jr.** The lesson plans and media resources based on the series address a wide range of topics including historic waves of immigration, anti-immigrant sentiment, family genealogy, and state-of-the-art genetic research. Through this collection, students will gain a broader perspective of America's immigrant history (both past and present) and learn what it really means to be an American.

**Virtual Professional Learning Series for Educators**

PBS Digital Innovator All-Stars and their PBS member station counterparts are developing professional learning experiences, or “live learning” for PreK-12 educators that are being offered nationally through a virtual platform. Listed below are a few upcoming opportunities. Each one is hyperlinked to register through Eventbrite.

**STEAM: Inspiring Young Scientists through STEAM Education – 2019**

April 2, at 6PM: [Inspiring Young Scientists through Steam Education: Exploring Models Inspired by Nature](https://www.eventbrite.com/e/inspiring-young-scientists-through-steam-education-exploring-models-inspired-by-nature-tickets-58307887993)

**NEW! SEL: Cultivating Good Neighbor Skills in the Classroom**

April 4, at 6PM: [Exploring the Community](https://www.eventbrite.com/e/exploring-the-community-tickets-58307989915)

April 11, at 6PM: [Building Relationships](https://www.eventbrite.com/e/building-relationships-tickets-58307989937)

Follow IPTV Education on Facebook to stay informed of additional professional development opportunities.
Early Childhood

**Letters and Numbers Tracing Mat**

Children can combine their love of PBS KIDS characters and early literacy skills with our letters and numbers tracing mat. This mat provides space for early learners to practice letters, numbers, their name and even a space for creativity. This resource and many others can be found on our website.

Elementary

**The Water Cycle Activity**

Water is a precious resource, as those who live through droughts often know. This simple activity will show your kids how the water cycle works. This hands-on learning experience will allow them to watch, in real time, how water from oceans, lakes and streams helps keep our planet lush, our animals and us healthy, and the ground fertile for growing food and flowers!

Secondary

**Zora Neale Hurston and the Polk County Blues**

In 1928, Zora Neale Hurston traveled to Polk County, Florida to collect folklore. She ended up at a lumber camp, where African-Americans from around the South worked long hours in difficult conditions. By the time she left – in a hurry, at knifepoint – she had collected a slew of stories that would become the first book of African-American folklore written by an African-American. Discover these stories in an interactive by American Experience.

Upcoming with IPTV

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 11**
**Career Day**
Algona, Iowa

**April 16**
**Stratford Family STEM Night**
Stratford, Iowa

**April 21**
**Iowa Conservation Education Summit**
Des Moines, Iowa

**April 27**
**Student Film Challenge Watch Party**
Johnston, Iowa

Find ongoing information on iptv.org/education or email Angela Hiatt to request IPTV Education to be a part of your event.