To support Iowa teachers as they continue their implementation of Next Generation Science Standards (NGSS), IPTV recently released two NGSS-aligned storylines. Each storyline is a coherent sequence of lessons anchored in engaging, question-provoking phenomena. Each lesson encourages students to use scientific practices to investigate, find answers and dig deeper into nature. Using high-quality media captured from around the state, these storylines immerse classrooms in environmental science stories and issues with lessons, activities and assessments aligned to the three dimensions of NGSS and to the middle school Iowa Science Standards.

Developed by a team of veteran Iowa teachers, these storylines provide Iowa middle school educators with authentic, rigorous, Iowa-based approaches for their science classrooms.

Find out more about this resource for 6-12 science classrooms at iptv.org/iowalandandsky.
**Multimedia**

**FULL STEAM AHEAD**

*FULL STEAM AHEAD* is a series created for STEAM World that celebrates the world of science with 60 second experiments that kids can do at home.

This ThinkTV digital series is hosted by Mister C who makes learning fun for everyone! It’s science time!

Visit [https://to.pbs.org/2Zg-Pf44](https://to.pbs.org/2Zg-Pf44) to watch videos on how to make various activities and also learn why reactions happen.

These videos are great hooks for lessons and can also serve as conversation starters for learners of all ages.

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**Programming**

### Rise of the Superstorms

In just one devastating month, Houston, Florida and the Caribbean were changed forever. In summer 2017, three monster hurricanes swept in from the Atlantic one after another, shattering storm records and killing hundreds of people. As the planet warms, are these superstorms the new normal? Can we predict them? *NOVA* takes you inside the 2017 superstorms and the cutting-edge research that will determine how well equipped we are to deal with hurricanes in the future. Visit [https://to.pbs.org/2D3wRjE](https://to.pbs.org/2D3wRjE) to view this program.

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**STEAM trailer continues to engage Iowans**

IPTV Education continues to connect Iowa’s learners with hands-on, engaging activities. IPTV’s STEAM trailer has visited libraries, community events, homeschool gatherings and even the Iowa State Fair. Our staff works continuously to find stimulating activities that promote the same learning goals as our award-winning programming. The majority of our activities are designed for preschool and elementary children. If your organization is interested in having our STEAM trailer visit your site contact Angela Hiatt, our educational outreach coordinator, by emailing angela.hiatt.iptv.org.

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**Molly of Denali**

*Molly of Denali* is an action-adventure comedy that follows the adventures of 10-year-old Molly Mabray, an Alaska Native girl. Molly helps her mom and dad run the Denali Trading Post in the fictional village of Qyah, Alaska. Each episode follows Molly, her dog and her friends on their adventures. In each episode, Molly’s life and experiences are enhanced by using and creating a variety of informational texts. Find this new program on IPTV weekdays at 7:30 a.m. and 3 p.m.
**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–2**

**Back to school**

Get ready for the start of school with some of our favorite back-to-school resources! This collection features activities and video resources to help students get to know each other and their new school routines, and lesson plans to help you get your new class off to a great start. Find this resource at [https://bit.ly/30ust53](https://bit.ly/30ust53).

**Grades PreK–2**

**Molly of Denali**

Informational text and Alaska Native culture form the basis of the groundbreaking *Molly of Denali* series and its educational resources. The *Molly of Denali* collection offers videos, digital games, lessons, teaching tips and activities so that educators can utilize the series in the classroom. Set in a rural Alaskan village and featuring the adventures of Molly, her family and friends, *Molly of Denali* models the many ways that children can access and create informational text in their daily lives. At the same time, the stories are infused with Alaska Native values, history, traditions and language as well as contemporary life. Find this resource at [https://bit.ly/3OF53tG](https://bit.ly/3OF53tG).

**Grades 9–12**

**Confronting Bias: Ethics in the Classroom**

The *Confronting Bias: Ethics in the Classroom* collection was created as part of WNET’s Youth Collective. Youth Collective is a Generation Z media and education initiative that aims to amplify youth voices and provides a platform for young people to engage in the important work of building a more ethical world. The resources in this collection provide teachers with tools to incorporate ethics education in the classroom, promote understanding of differing viewpoints and foster civil dialogue about bias. The collection is divided into three subcategories; Understanding Bias, Experiencing Bias and Addressing Bias. Find out more at [PBS LearningMedia](https://pbslearningmedia.org).
**Molly of Denali podcast**

Meet Molly Mabray, an Alaska Native girl growing up with her parents, family and friends. Join Molly and the gang and discover what life is like for a typical kid on big adventures in Alaska! The *Molly of Denali* podcast is made by the folks behind some of your all-time favorite PBS television shows such as *Arthur, Curious George* and more! Listen at [https://bit.ly/2ZkEpco](https://bit.ly/2ZkEpco).

**Xavier Riddle And The Secret Museum**

This upcoming program takes a fresh and accessible approach to teaching kids ages 4–7 about important historical figures and the experiences that shape their lives, while exploring social emotional concepts and character traits. From an inspirational encounter with a young Marie Curie to learning from a school-aged Harriet Tubman, the series will help kids relate to seemingly larger-than-life individuals. Follow [Iowa Public Television Education on Facebook](https://www.facebook.com/IPTVEducation) to learn more about this resource.

**The Film Lounge: Student Challenge**

The *Film Lounge: Student Challenge* launches this fall and challenges Iowa students in grades 7-12 to hone their creativity for the big screen based on an annual theme. The juried films and filmmakers who qualify will then receive statewide recognition and inclusion into The *Film Lounge* Academy complete with a red carpet premiere screening and workshops with industry professionals this spring. Visit [https://bit.ly/2AgSuKm](https://bit.ly/2AgSuKm) and learn how to submit your film in October.