



Using PBS Media for Interdisciplinary Learning

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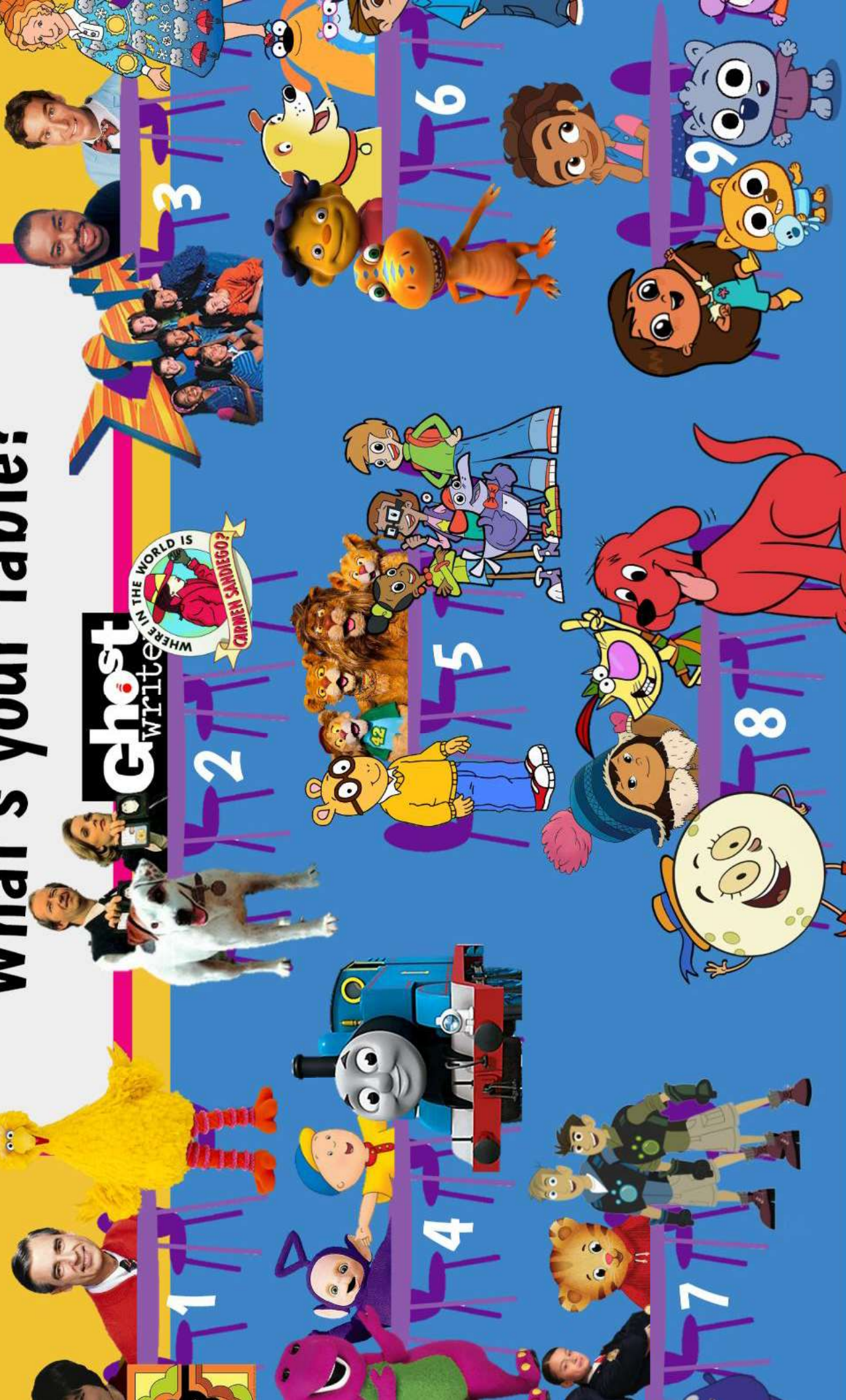
August 12, 2026

Agenda

- Introductions
- Best Practices
- Tour PBS LearningMedia
- Explore Content
- Q&A



What's your table?



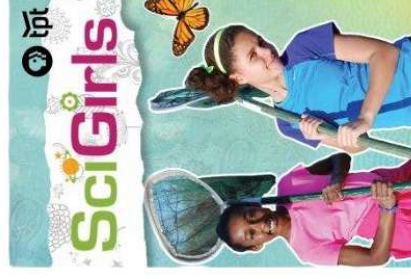
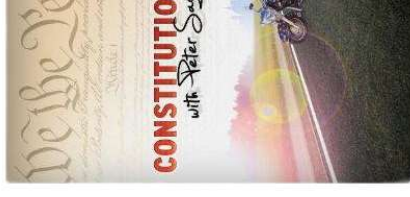
Center for Lifelong Learning

Our Multiplatform Approach

On-Air: Broadcast local and national educational programming.

Online: Streaming, social channels, digital games, standards-aligned educational materials, additional resources

On-the-Ground: Professional development, community events, afterschool programming, field trips



Discussion

National Association for Media Literacy Education (NAMLE) defines media literacy as the ability to *access, analyze, evaluate, create, and act* using all forms of communication.

Media encompasses all electronic or digital platforms, as well as print and artistic visuals used to convey messages.

Why do you use media in your classroom?

What media do you currently use in your classroom (YouTube, TikTok, etc.)?



Why use media? MEDIA IS A LEARNING TOOL

Lexical acquisition through repeated use

Visual cues reinforce learning

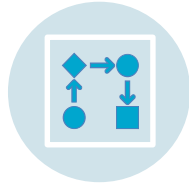
Stimulates interest and connect to prior learning and experiences

Allows for differentiated instruction

Media helps bring diverse representation



Best Practices for Using Media



Preview the resources to make sure they are appropriate and meet your needs.



Introduce key themes and vocabulary.



Focus learning with questions or key ideas.



View the material more than once.



Help students think critically about what they watched or interacted with.



Make real world connections.



Reinforce learning with hands-on experiences.



Stay up-to-date on digital trends.



TWIN
CITIES
PBS

Best Practices for Using Media

Before Student Watching

- **Watch the Video ahead of time!**
 - Think about key points
 - Make yourself aware!

• Activate Prior Knowledge

- Help make connections
- Ask questions and discuss!

• Define it! Tell learners what the video is

• Make it Meaningful

- Tell them *why* they are watching it

• Get Specific!

- Tell them particular things to watch for

2. During Watching

- Press Pause!

3. After Watching

- **Allow for Reflection and spark discussions!**

- Watch, Think, Share
- Think, Pair, Share
- Start with open, general questions

• Extend the learning!

- Do activities!
- How does this relate to what is next?

Discussion

- What best practices resonate with you?
- What do you already do?
- What are some challenges?
- What other ways do you use media in your classroom that you would like to share?
- What future trends in media do you think will impact education, and how are you preparing for them?

Best Practices for Using

1. Preview the resources
2. Introduce key themes vocab
3. Give students a focus
4. View material more than once
5. Think critically
6. Relate to the real world
7. Provide hands-on experiences
8. Stay up-to-date on trends



Twin Cities PBS & PBS LearningMedia





America From Scratch

America From Scratch lend its discussion guide! engages youth with the most important issues of the day, encourages critical thinking, and promotes civic engagement.



Art + Medicine

Art + Medicine explores healthcare through the arts.



At the Table

Are farmers paid fairly? Does race play a role in food insecurity? Is our food system broken? At the Table is a Twin Cities PBS Original series, in partnership with the Cargill Foundation, that addresses the social and systemic issues within our food environment.



Book Drop

Book Drop is a video series where youth and families can enjoy STEM and literacy together! Book Drop features real kids looking for problem solving ideas with the help of book suggestions from their animated friends, Kitty and Leo! Each episode features a book read by a real STEM professional, like an astronaut, a gardener, or an engineer!



Jim Crow of the North

Jim Crow of the North charts the progression of race policies and practices from the advent of restrictive covenants after the turn of the last century to their final elimination in the late 1960s.



MinneHistory

MinneHistory introduces young viewers and families to diverse people and events from Minnesota history.



Bring Her Home

BRING HER HOME follows three Indigenous women—an artist, an activist and a politician—as they work to vindicate and honor their relatives who are victims in the growing epidemic of Missing and Murdered Indigenous Women. As they face the lasting effects of historical trauma, each woman searches for healing while navigating the oppressive systems that brought about this very crisis.



Broadcast Wars

There was a time when people would stop what they were doing and watch the local evening news. Twin Cities PBS Broadcast Wars, co-produced with Cathy Wurzer, takes us back a half century to the era when ratings battles were fierce, women and people of color were making their presence known, technology was rapidly evolving, and local TV news was as vital as it was entertaining.



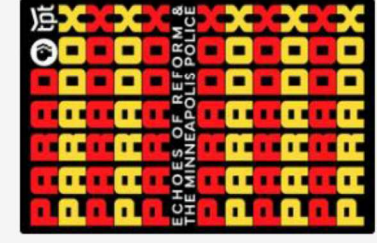
Four Strangers

Four Strangers gathers a group of expatriates for a social soiree that sparks unexpected connections and insights. Each episode explores their unique stories, cultural challenges, and the shared experiences of life as newcomers to the Midwest.



Hands-On Science

Real-life science educators perform their best experiments with the help of a young studio audience. Hosted by David Gillette and produced by Twin Cities PBS.



Paradox: Echoes of Reform and the Minneapolis Police

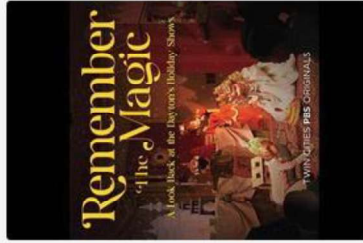
Historian Yohuru Williams explores the history of reforming the Minneapolis Police and how George Floyd's murder was a century in the making. The streaming series is a compelling blend of deep research, candid interviews, and rare archival footage. Paradox peers into the past of mayoral politics, community activism, and police union pushback to better consider our public safety future.



Relish

Relish shares stories and recipes of cultural heritage in Twin Cities communities through the universal language of food. In each episode, host Yia Vang of Union Hmong Kitchen takes viewers in kitchens with local chefs as they serve up an ingredient or dish that has personal and cultural meaning to them. Relish is made possible by the Arts and Cultural Heritage Fund and the citizens of Minnesota.





Remember the Magic

Every holiday season, Dayton's transformed into a magical wonderland, complete with storybooks brought to life by artists and fantastical displays. Wander back in time to the 8th floor auditorium, where countless visitors made cherished memories, and reminisce with artists, magic makers and lifelong fans who share their stories of this timeless tradition.



Role Model Profiles

This collection of diverse, real-world profiles of women and men in STEM and trades are designed to dismantle stereotypes and inspire youth to pursue careers in STEM.



SciGirls

SciGirls is a National Science Foundation-funded program that engages youth, families, and educators nationwide around science, technology, engineering, and math, or STEM. By combining an Emmy-award winning PBS Kids series, hands-on activities, and professional development workshops, SciGirls reaches millions on the air, online, and in communities, inspiring the next generation of STEM superstars.



Skillsville

Follow along with everyone's favorite puppetry game guide, Scout, as he shows some really good strategies needed to get the job done! Scout's Strategies are primarily coping and learning techniques for children. They aim to help kids navigate emotions, improve focus, and develop creative solutions to challenges within the Skillsville community.



Hope in the Struggle: The Jostie Johnson Story

A reflection on the life of freedom fighter and civil leader Jostie Johnson, who fought for fair housing, education, and civil rights. Hear in her own words how her experiences turned her to activism. The struggle for justice and equality continues, but there is hope in the struggle.



Jesse Ventura Shocks the World

Jesse Ventura is many things, but boring isn't one of them. 25 years after the pro wrestler shocked the world when elected Governor of Minnesota, it's high time to explore the people, values and experiences that shaped him. Follow his implausible career path, wild term in office, love of democracy, guns and gay rights, and early support of women's lib: larger than life is an understatement.



Skillsville

Welcome to Skillsville, an animated series that encourages kids ages 4-8 to "Power up" the skills they need for future success in careers and everyday life!



Stage

Get a front row seat in discovering what makes the Minnesota music scene so unique. Educator, musician, and host, Natalie Romero Arbelaez, takes in these world class performances at exciting Twin Cities venues and gets exclusive access to the creators behind the music.



That Got Weird

That Got Weird confronts the uncomfortable in hopes of bridging the divides. This series reveals true stories of racism experienced by Indigenous, Black, Asian, Latinx and other people of color in Minnesota. Along with a promise of anonymity, each subject interviewed has a hand in designing their own character and giving it a pseudonym.



The Civics Collection

Exploring the people, places, and ideas that continue to shape America.



Out North

Out North: Minnesota LGBTQ History explores the untold past of Minnesota's lesbian, gay, bisexual, transgender and queer community, and celebrates the strides the state has made since the gay liberation movement began in the 1970s.



Outside Chance

Whether participating or spectating, Minnesota is an endless playground for outdoor activities and traditions. Outside Chance features new and traditional outdoor activities highlighting Minnesota's outdoor culture. Hosted by yogi, emcee, rapper, and outdoor enthusiast Chance York, who, well, will take a chance on just about anything.





Schoolology

Nearpad





Sign Up:
Creating an account and
linking into PBS
Learning Media will
automatically align to
our state standards.

Mississippi Voting Rights | Hope in the Struggle

Video Grades: 6-8, 9-12 Collection: [Hope in the Struggle: The Josie Johnson Story](#)

Share to Google Classroom
 Social share
 Favorite

Build a lesson
 Firearms

Emotional Content
 Cautions

About Standards
 Download

This video contains sensitive content. Select a tag for a detailed description.

[View Cautions](#) [Watch Video](#)

This media contains sensitive content.
Please review the Cautions tab below.
Dismiss caution and don't show again for this video

Support Materials for Teachers

USING THIS RESOURCE
[Mississippi Voting Rights | Hope in the Struggle](#)

BACKGROUND READING
[Background Reading | Mississippi Voting Rights](#)

Support Materials for Use with Students

BACKGROUND READING
[Biography of Josie Johnson](#)

DISCUSSION QUESTIONS
[Discussion Questions | Mississippi Voting Rights](#)

ACTIVITY
[Voter Suppression: Then and Now Activity | Hope in the Struggle](#)

VOCABULARY
[Vocabulary | Mississippi Voting Rights](#)

Enhance Curriculum

Through:

Videos

Primary Documents

Interactive Lessons

Teaching Tools:

Teaching Tips

Discussion Questions

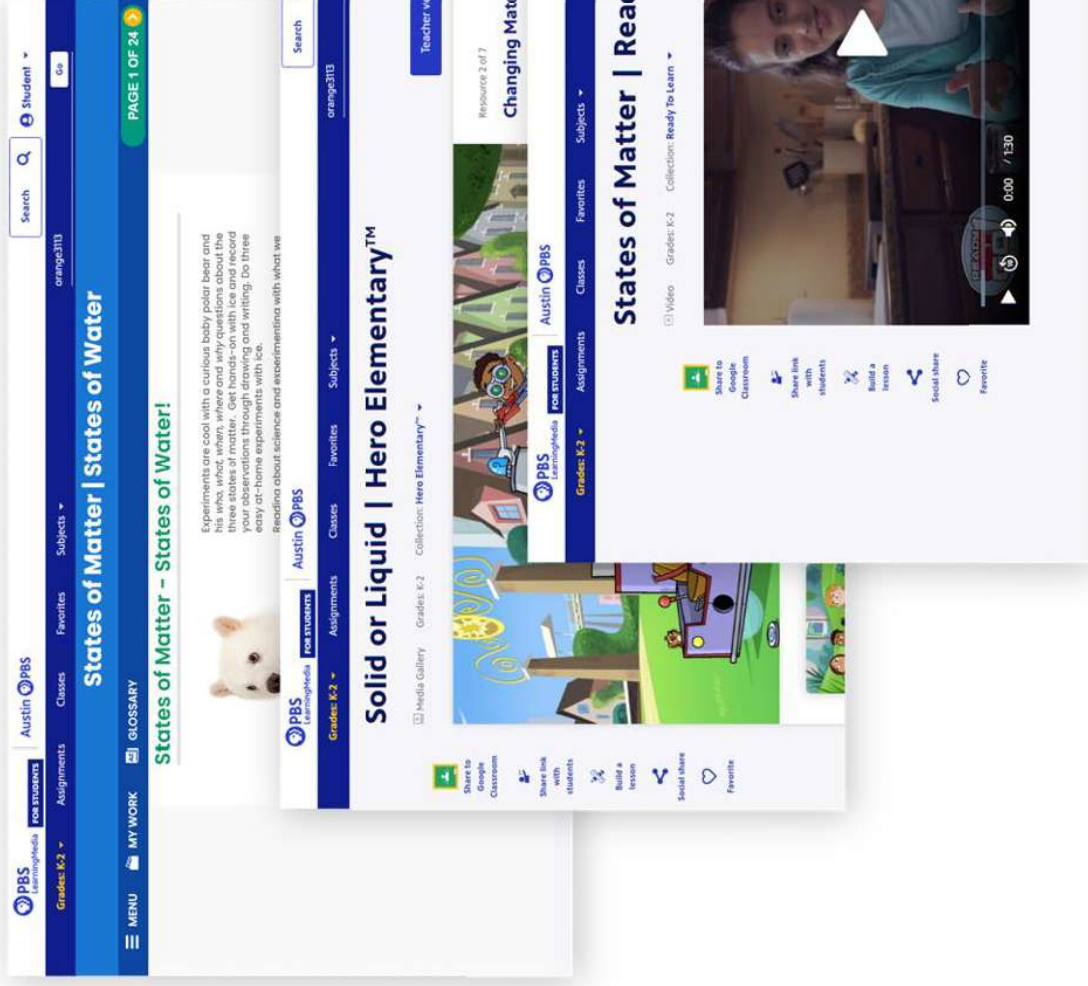
Activity Guides

Additional Resources



Different Formats:

Ultimodal exploration
help solidify
understandings, or to
and student on
dependent learning
exploration



Useful Tools: Tutorials & More

In This Collection: Video (10)

PBS LearningMedia Tutorials



Share to Google Classroom

Social Share

Favorite

Find tutorials that satisfy many of your burning questions on how to make the most of PBS LearningMedia. Our library of classroom-ready materials is organized by subject area, topic, and grade level, and aligned to state and national curriculum standards. Take a spin through our How-Tos, create a free account, save and organize content, and bring the world to your classroom.

PBS LearningMedia
How to Assign and Share Content
Video
4:51

How to Create an Account and Create Class Rosters |

How to Search, Browse, and Filter Content | PBS

How to Assign and Share Content | PBS

Content Exploration



Subjects: Science

Physical Science Topics

Narrow resources by subtopic

- | | |
|---|---------------------------------|
| + | Forces and Motion |
| + | Energy |
| + | Matter and Interactions |
| + | Modern Physics |
| + | Waves and Light |
| + | History, People, and Milestones |
| + | Careers in Physical Science |

Physical Science includes 1,238 resources

Filter by:

6-8

Resource Type

▼

Clear Filters

🗑️

Sort by:

Newest

▼

Physical Science includes 1,238 resources

 Media Gallery



Giant Water Jets from Enceladus | NOVA
 Learn how the motion of water molecules, thermal energy, and diffusion explain the giant...

NOVA
 Grades 6-8

 Video



Color | DIY Science Time
 Grab your paint brushes and flashlights and Join Mister C and the Science Crew as they explore the world...

Alabama Public Television
 Grades 3-5, 6-8

 Video



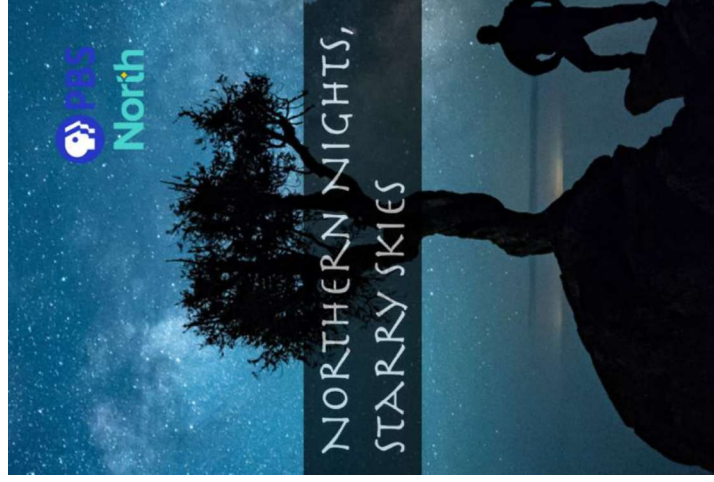
Water | DIY Science Time
 Join Mister C and the Science Crew as they explore the properties of water. This episode will surely be a...

Alabama Public Television
 Grades 3-5, 6-8

- **Subject (2)**
- | | |
|---|--|
| — | ☒ Science |
| + | ☐ Earth and Space Science |
| + | ☐ Life Science |
| + | ☐ Physical Science |
| + | ☐ Practices and Nature of Science |
| + | ☐ Instrumentation, Measurement, and Units |
| — | ☒ Social Studies |
| + | ☐ Civics and Government |
| + | ☐ Economics |
| + | ☐ Geography |
| + | ☐ Elementary Social Studies |
| + | ☐ U.S. History |
| + | ☐ World History |
| + | ☐ Mathematics |
| + | ☐ English Language Arts |
| + | ☐ Engineering & Technology |
| + | ☐ Health & Physical Education |
| + | ☐ Preschool |
| + | ☐ Professional Development |
| + | ☐ The Arts |
| + | ☐ World Languages |



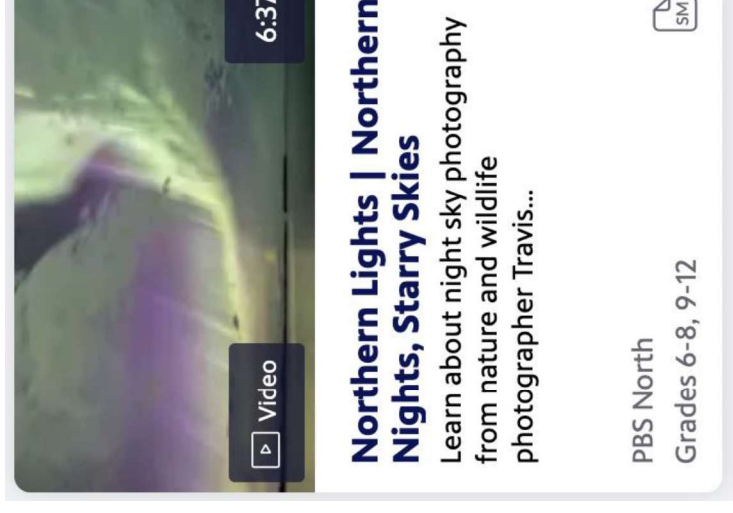
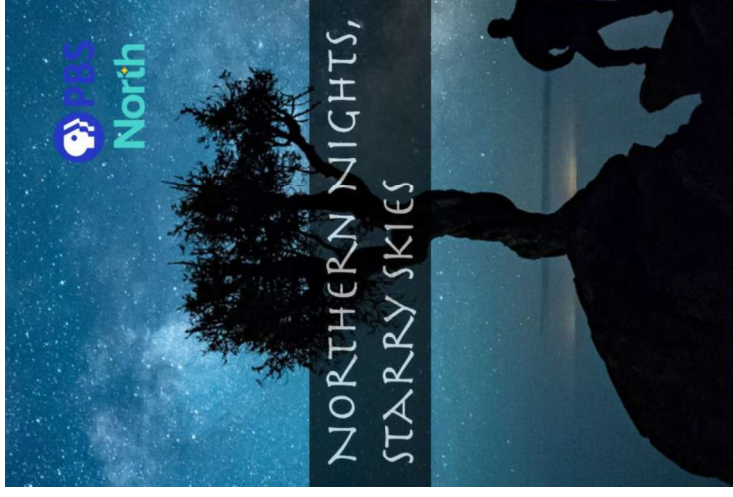
Science + Social Studies



Northern Nights, Starry Skies

Djibwe, Dakota cultural astronomers and other experts share the wonders of Minnesota's designated Dark Sky sanctuary. Study the effects of light pollution on wildlife, human health, safety, and energy consumption. (10 video clips)

Discussion questions, phenomenon based activities, vocabulary lists



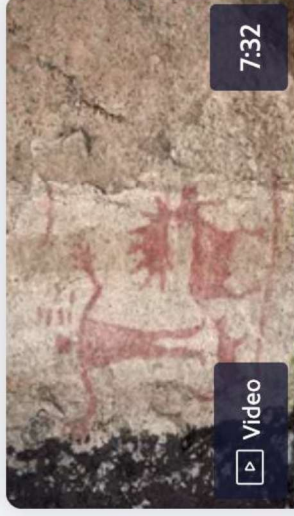
Northern Nights, Starry Skies



Dakota Night Sky | Northern Nights, Starry Skies

Learn about Wakan Tipi and what it teaches us about Dakota cultural perspectives...

PBS North
Grades 6-8, 9-12



Ojibwe Pictographs & Constellations | Northern Nights, Starry Skies

Carl Gawboy (artist, storyteller, and member of the Bois Forte...

PBS North
Grades 6-8, 9-12



Ojibwe Seasonal Constellations | Northern Nights, Starry Skies

Ojibwe artist and scholar Carl Gawboy has worked for decades to...

PBS North
Grades 6-8, 9-12



Science Phenomena, Iowa PBS



Collections > Iowa Science Phenomena

In This Collection: Video (30) for Grades All

Search Iowa Science Pheno...

Iowa Science Phenomena

In this collection:

Life Science

Earth and Space Science

Physical Science

Phenomena: Teacher Supports

Funded by



Iowa Science Phenomena



Phenomena are natural things that happen in our world that we need some understanding of science to explain. **Iowa Science Phenomena** is a collection of local phenomena that help to shift learning in science from "learning about" to "figuring out" by engaging students with phenomena that are local to them. This enhances the students' ability to relate to the phenomena and, over time, teaches them that there is a need for science in their own community.

The **Iowa Science Phenomena** collection is built with help from teacher externs as part of the Iowa Governor's STEM Council, using clips from Iowa PBS's production of **Iowa Land and Sky**. Using aerial drone cinematography, this program features breathtaking bird's-eye perspectives, as well as beautiful close-ups of Iowa's landforms. This collection also uses clips from Iowa PBS's production **Iowa Outdoors**. Join hosts Scott Siepker and Kellie Kramer as they travel around Iowa learning about outdoor recreation, environmental issues, conservation initiatives and Iowa's natural resources.

Life Science

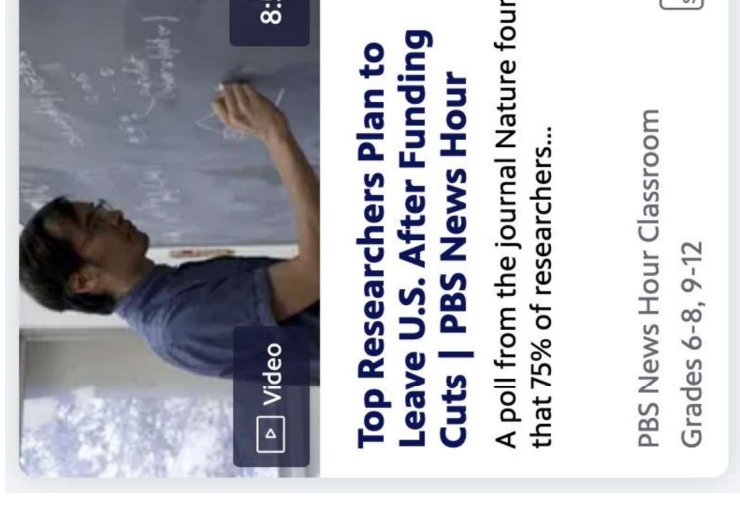
Learn about molecules, organisms, ecosystems, heredity and biological evolution using these phenomena clips to support content and skills taught in the Life Sciences.



PBS News Hour Classroom

PBS News Hour paired with discussion questions, lesson plans, and stories for students in Daily News lessons. (215 videos)

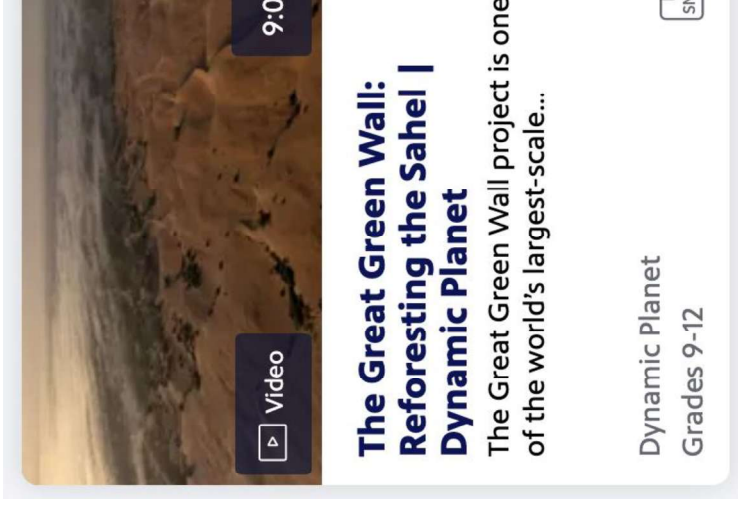
Covers core academic subject areas with a media literacy focus



Dynamic Planet

Meet the helpers who are living and working on the front line of climate change as they reveal how science, nature, and tradition can prepare us for the future. (5 videos)

Discussion questions, activities, vocabulary lists



The Future of Nature

Clips to introduce carbon cycle science, nature-based carbon drawdown success stories, and the thinkers, community leaders, and technologies behind them. (3 videos)

Discussion questions, activities, vocabulary lists, further information





**Media Gallery**

12:00

Carbon Offsets in Action | The Future of Nature

Carbon offsetting has the potential to make a real impact for communities and the...

The Future of Nature
Grades 9-12







For 50 years, NOVA has been educating and entertaining viewers with stories of scientific discovery—from the breakthroughs in technology to the deepest mysteries of the natural world. Featuring excerpts from NOVA films, digital videos, and original games and interactives, these standards-aligned resources make content available to students by providing opportunities to engage with a broad range of phenomena and connecting STEM technology, engineering, and math) to our daily lives and societal issues.

Interactive Lesson (10), Lesson Plan (56), Interactive (16), Document (120), Media Gallery (126), Webpage (1) for Resources in Spanish (191)



Share to Google Classroom



Social Share

Jump to Resources



NOVA Collection

By Subject

From NOVA Labs and Interactives

From Broadcast and Digital Collections



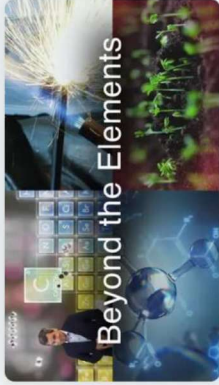


Browse Resources By Subject

Browse Resources From Broadcast and Digital Collections



Addiction



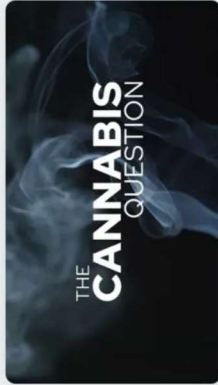
Beyond the Elements



Black Hole Apocalypse



Building Stuff



The Cannabis Question



Cracking Your Genetic Code



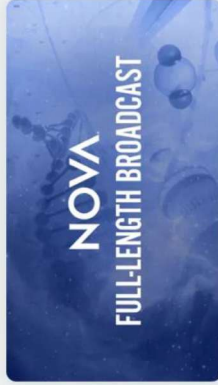
Decoding The Weather Machine



Finding Life Beyond Earth



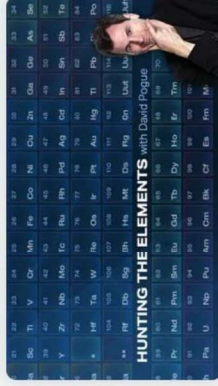
Forgotten Genius



Full-Length Broadcast Collection



Gross Science



Hunting

Calendar | Calendar |





Slimy, Smelly, Creepy Science

Unit 2

Identifying Scientific Disinformation and Misinformation



Why Misinformation Matters: From the Coronavirus to the Capito...

Learn how misinformation about current events in 2020 to 2021 became...

Misinformation Nation
Grades 6-8, 9-12



Origins of Misinformation and How It Spreads | Misinformation Nation

Learn why and how misinformation spreads, in this video from...

Misinformation Nation
Grades 6-8, 9-12



How Mask-Wearing Misinformation Became a Reality | Misinformation...

Learn how outdated or evolving science information can be...

Misinformation Nation
Grades 6-8, 9-12



SciGirls: Videos



Each half-hour episode highlights the processes of science and engineering, following a different group of middle school girls who design, with the help of scientist mentors, their own inquiry-based investigations on a variety of topics.

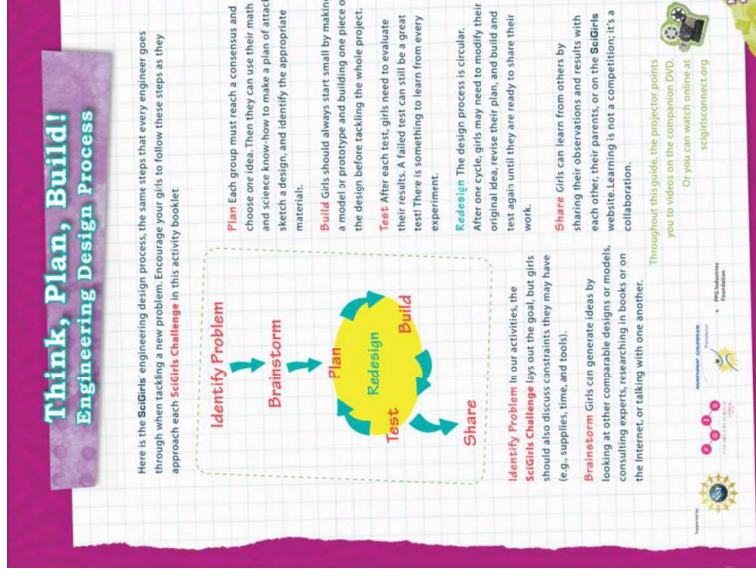
- Career Readiness
- Social Studies
- Health
- ELA
- Arts



SciGirls: Educational Materials

SciGirls educational materials provide gender-equitable teaching strategies and hands-on inquiries based on the concepts modeled in the videos. This approach is rooted in research on how to engage girls in STEM.

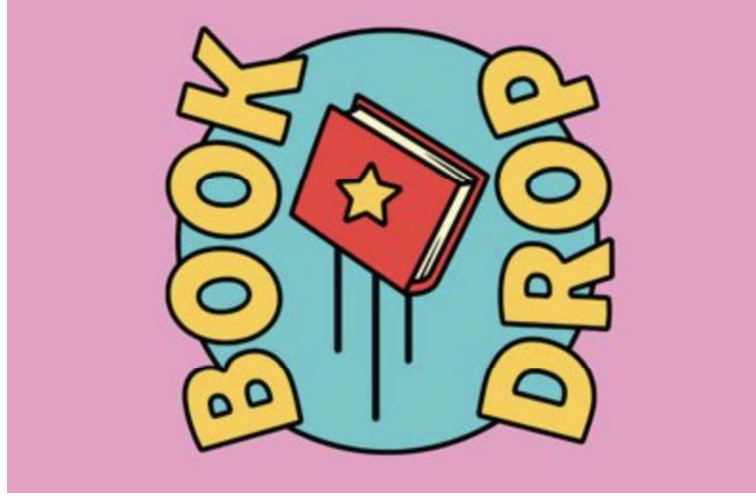
Educator Guides
Role Model Strategies
Activities
Games



Book Drop

Book *Drop* features real kids looking for problem solving ideas with the help of book suggestions from their animated friends, Kitty and Leo. Each episode features a book read by a real STEM professional, like an astronaut, a gardener, or an engineer!

Educator Guide
Family Guide
Activities



Solid State

Solid State: Minnesota's High-Tech History

Born for espionage in World War II, the computer has touched nearly every part of human life. And for decades Minnesota was the global epicenter of computing as birthplace of the supercomputer and home to Univac, Control Data, IBM Rochester, and Honeywell. Produced in partnership with MHTA, with major funding from Seagate Technology.

► Watch Now



Twin Cities PBS | Elementary

MinneHistory

Introducing viewers to diverse people and events from Minnesota's history.

Connected to long form content

Played between PBS Kids shows

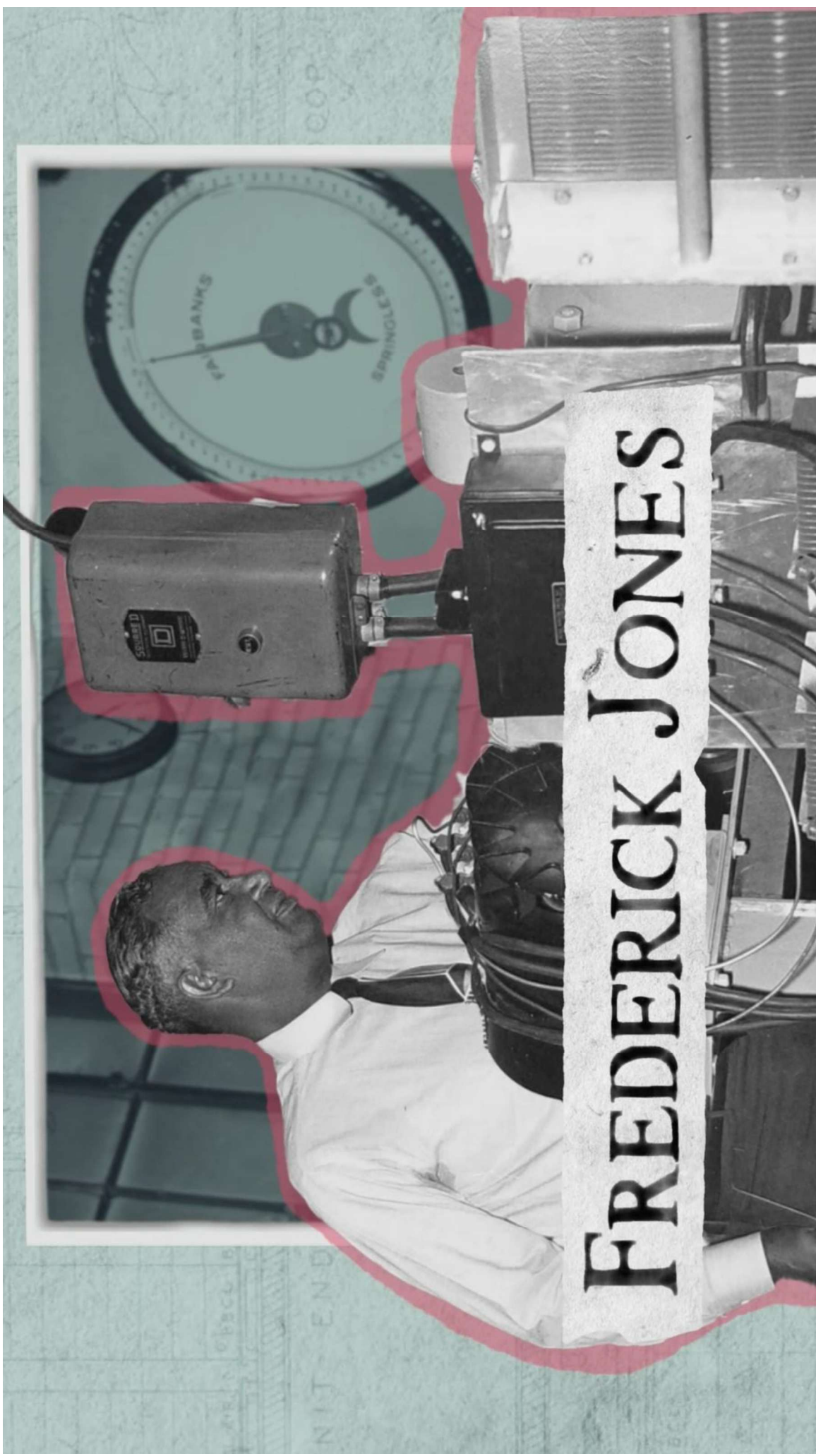
Support Materials Include

Discussion Questions

Transcripts

Additional Resources





FREDERICK JONES



Questions?



Thank You!

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Education

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Let's Connect!



Follow us on Social Media
and join our mailing list!





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