

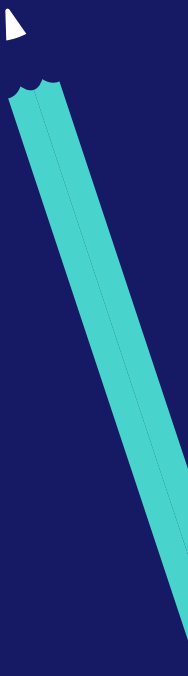


WELCOME!

We want you to know that we see you. We see you doing so many incredible things: making virtual learning fun; showing up in person even though it may not be safe; managing your own child's learning amid the chaos; miraculously being in two places at the same time because you have to teach in person while also accommodating remote learners. We see the creativity, the exhaustion, the concern, the energy, and the patience. Oh, the patience!! We see it, and we continue to be in awe over it. We know these first eight weeks were challenging, but we truly hope you were able to use this planning kit to lighten your load and better engage some of your students who have limited or no access to the internet.

These kits are designed to help educators navigate this year's new school routines. You can find all previous kits (we'll distribute new kits every eight weeks) and the webinars that support them in our PBS LearningMedia collection [PreK-12 Resources for New School Routines](#). The kits connect closely with the support we're offering to parents and families while making the most of PBS LearningMedia (all free!) and reflect the hard fact that not all of your students have internet access. Like you, we are figuring out the "new normal" in real-time. We are actively seeking feedback about how we can improve this resource or any of our available resources. We want to hear from you. Please do not hesitate to tell us what you think: what works, and what you would change—we're learning together. Please be safe. Grab moments for self-care whenever you can. We are with you.

Love from your friends at PBS



Kit Basics/Checklist

We will be distributing five kits (including this one) throughout the school year, approximately once every eight weeks. **Here are a few basic things to help make the most out of this**

Check your email

As a PBS LearningMedia registered user, you will receive an email with the latest planning kit approximately every eight weeks. To make sure you're registered, sign up [here](#).

Mark your calendar

Each planning kit is supported by a webinar where peers from around the country will share how they're using the latest kit to plan instruction. Join us! Webinars will be held at 7PM ET, on the following dates:

- November 12, 2020
- January 14, 2021
- March 11, 2021
- May 6, 2021

Watch, Teach, Explore

The kits are intended to help you plan your lessons up to eight weeks ahead of time, based on themes and content relevant to what you're teaching in your classroom. To increase accessibility, many of these resources are connected to broadcast content for students without internet access, and some of the content is available in Spanish. **NOTE: Some of the broadcast content airs outside of school hours. To use this content, we recommend you share the details about how to view it after school hours with students and their parents.**

Where possible, we have also included media that can be viewed online anytime, whether you're teaching in person or virtually.

Our planning sheets are divided into three sections: Watch, Teach, Explore. The "Watch" category includes broadcast or online media. The "Teach" category connects activities, games, and lessons directly to the featured media. Finally, the "Explore" section should lead you to additional resources that can help you plan a more comprehensive lesson on that particular topic or theme.

Sign in to PBS LearningMedia and visit regularly

The kits, along with links to much of the content, can be found in the [PBS LearningMedia](#) collection called [Resources for New School Routines](#). Also, the more you become familiar with PBS LearningMedia, the more resources and tools you'll find and use.

Check in with your local PBS station

PBS Stations around the country offer endless resources for educators and parents. This [Google doc](#) highlights these resources, including several upcoming webinars for teachers of all grades and subjects.

Share with parents

The Planning Kits connect directly with [dozens of resources for parents](#), including our weekly ["Learn Along" Bingo](#) packets for PreK-K and Grades 1-2, which are available in English and Spanish. We encourage you to share these resources and the Bingo with the parents and families of your students.

Find more PBS and PBS KIDS resources

PBS KIDS and PBS are thrilled to be able to provide thousands of free resources to support new school routines, and at home learning.

- [PBS KIDS website](#): Thousands of videos, games, and activities for kids featuring their favorite shows and characters.
- [PBS KIDS for Parents](#): Tips, fun activities, and resources for parents and families.
- [PBS Teachers' Lounge](#): Blog site designed to inspire your teaching.
- [PBS LearningMedia](#): Thousands of free, standards-aligned lessons and teaching tools.

Watch the webinar

[The welcome webinar](#) is full of helpful hints and fun ideas about how to use the featured content.

Tell us what you think

We are learning and building WITH you. We would love to [hear your feedback](#) about these kits or any of the other available resources. Please feel free to email us with questions and comments: what's working for you and what can be improved.



What's in the Planning Kit?

You can count on these four sections to be included in all five of the planning kits distributed throughout the year.

Special Lessons and Collections

Each kit includes featured lessons or collections designed to provide additional support around timely topics you're likely covering in your classes. For example, in this kit, you'll find a feature section dedicated to Indigenous People and Culture. This is the first section of the kit.

Planning Sheet: PreK-5

A plan-ahead guide for PreK-5 educators that includes the weekly "Learn Along" Bingo packet for PreK-K and Grades 1-2 and connects to a variety of resources developed for teachers and parents of children PreK-5. The broadcast content relates to the PBS KIDS 24/7 channel, available on most cable and streaming services like Apple TV, Roku, and Amazon Fire. You can also stream directly from the [PBS KIDS Video app](#). You can find the entire [PBS KIDS 24/7 broadcast schedule](#) here if you're interested in planning lessons around PBS KIDS shows.

Planning Sheet: 6-12

This is the special plan-ahead guide for 6-12 educators. The broadcast content connects to the WORLD channel [At-Home Learning block](#), which offers five hours of programming for students, grades 6-12, every weekday. [Check with your local station](#) to find out where and when to watch.

Relevant Professional Learning

Each kit will include links to existing or upcoming professional learning opportunities related to the featured content. These may be short tutorials, webinars or webinar series, self-paced courses, or blog posts. In this first kit, all the highlighted professional learning relates to using PBS LearningMedia, or ideas and tips for remote teaching.

Lessons featuring
MOLLY OF DENALI
and **UNLADYLIKE**
coming soon!



Educator Planning Sheet: Elementary

This plan-ahead guide for PreK-5 educators helps you plan lessons around a variety of themes over the next eight weeks. It connects to our [Learn Along Bingo](#) packets, available in English and Spanish, including printable activities should your students not have internet access. The broadcast content outlined here connects to the PBS KIDS 24/7 channel, available on most cable and streaming services like Apple TV, Roku, and Amazon Fire. You can also stream directly from the [PBS KIDS Video app](#), and many of the full episodes will be available on-demand during the broadcast window. You can find the entire [PBS KIDS 24/7 broadcast schedule](#) here if you're interested in planning lessons around other PBS KIDS shows.

WEEK CONTENT GRADES WATCH TEACH EXPLORE

WEEK	CONTENT	GRADES	WATCH	TEACH	EXPLORE
NOV. 16 Family Traditions	Social Studies/ Math	PreK-K	Broadcast: PEG + CAT, The Circus Problem/ The Buried Treasure Problem 11/17, 7AM ET Online: PEG + CAT, Treasure Map (series of video clips)	Children learn to evenly distribute a set of items as they role-play finding and sharing pirates' treasure .	Family traditions are different all around the world. This Peg + Cat game, Hungry Pirates , teaches children position, direction, location, and understanding maps. You can then take your little learners on their own trip around the world to understand what celebrations mean with the Word of the Day, or they can learn about different celebrations in Beijing, China with LET'S GO LUNA!
	Social Studies/ Science	1-2	Broadcast: CYBERCHASE, Giving Thanks Day 11/17, 2PM ET Online: CYBERCHASE, Giving Thanks Day	Pumpkin Pie is a family tradition, but does the pumpkin have to be perfect to make the perfect pie? Children will explore food waste , which can open to discussions about judging things on the outside.	What are some traditions that are special to your learners? What can we learn from others? Learn how Mexicans decorate for celebrations , how Alaskan natives make ice cream or have your learners try out a recipe from MOLLY OF DENALI over break! You can also explore what you and your students are thankful for by making a gratitude jar .
	Social Studies/ Humanities	3-5	Online: Oral Traditions	Students talk about what makes a good story, look at the oral tradition of storytelling , and compare and contrast stories from two different cultural traditions. This is one of four storytelling lessons.	Many cultures share their stories orally rather than written. Introduce your students to how Native Americans connect with their culture through dance. Use this lesson plan to learn more about the different depths of culture with this handout.





Educator Planning Sheet: Elementary

WEEK	CONTENT	GRADES	WATCH	TEACH	EXPLORE
NOV. 23 Gratitude	SEL	PreK-K	<p>Broadcast: DANIEL TIGER'S NEIGHBORHOOD, Thank You, Grandpere Tiger!/ Neighborhood Thank You Day 11/24, 4:30PM ET</p> <p>Online: You can find DANIEL TIGER'S NEIGHBORHOOD clips and episodes on the PBS KIDS Video App</p>	<p>There are so many ways to say thank you with Daniel and show that you care for others. Sing the Thank You Song, play a game to learn more about classroom helpers, and use this coloring sheet to help your students say "Thank You" to someone they care about, like a school helper or a helper in their neighborhood.</p>	<p>Turn on this PBS KIDS Rocks "Thank You" song while helping your students with this DANIEL TIGER'S NEIGHBORHOOD online activity to learn how to make a card. If handouts work better, students can color these SESAME STREET thank you cards to express appreciation for the people in their life.</p>
	SEL	1-2	<p>Broadcast: ARTHUR, An Arthur Thanksgiving 11/24, 1PM ET</p> <p>Online: You can find ARTHUR clips and episodes on the PBS KIDS website.</p>	<p>Explore the topic of generosity in this interactive game, Arthur's Giving and Keeping Game. Children can help Arthur make some difficult decisions about sharing his chocolates, money, and time with friends.</p>	<p>During the season of "thanks," when many are focusing on their blessings, it is tough if one of your students is struggling through times of stress or a crisis. You can help your students practice finding gratitude through tough times using these tips. Your young learners can learn more about their family through storytelling (offered in English and Spanish).</p>
	SEL	3-5	<p>Online: Young Peace Leaders: Cultivating Gratitude</p>	<p>Using the Young Peace Leaders video, and accompanying teacher tips resource, lead students to discuss expressing gratitude and the importance of kindness in their relationships with family, friends, and teachers.</p>	<p>Watch this astronaut Anne McClain video about why students should thank a teacher. Read and share a blog written by a 5th grader thanking his teacher for constant support, and consider inviting students to write a letter of appreciation to an adult in their life, like a teacher.</p>



Educator Planning Sheet: Elementary

WEEK

CONTENT

GRADES

WATCH

TEACH

EXPLORE

NOV.30
Things That Go

Science	PreK-K	<p>Broadcast: THE CAT IN THE HAT KNOWS A LOT ABOUT THAT!, Teeny Weeny Adventure/I See Seeds 12/1, 11AM ET</p> <p>Online: You can find THE CAT IN THE HAT clips and episodes on the PBS KIDS website.</p>	<p>Your students could spend hours building and understanding how things go, go, go (or stop!) using the Marbelous Marvel Coaster game where they can make their own roller coaster!</p>	<p>The word of the week is transportation! Introduce your learners to different modes of transportation with this video. These two interactive math resources from PEG + CAT and CURIOUS GEORGE will demonstrate operating with numbers at a train station and with a race car, vroom! Looking for self-paced professional development? Do this four-hour, self-paced course on how to create playful science lessons with The Cat in the Hat Knows a Lot About That!</p>
Science	1-2	<p>Broadcast: READY JET GO!, Solar System Bake-Off!/Kid-Kart Derby 12/1, 12:30PM ET</p> <p>Online: READY JET GO!, Terrestrial and Gas Planets (video clip)</p>	<p>Engineer a rocket ship! Using paper and string, your students can create a pulley system that sends a gliding rocket ship soaring through space.</p>	<p>Fly into high-tech career exploration as you learn about careers with satellites, airplanes and flying cars of the future! Here are a few simple ways students can explore the wonders of astronomy with their parents. This craft project helps your students learn about our place in space with this salt art project. Hop in and game on with Jet and his friends by designing and building rovers built to handle a series of challenging terrains and environmental conditions.</p>
Science	3-5	<p>Online: Transforming the Future of Flight</p>	<p>NOVA's interactive activity allows you to explore the important forces of lift and drag and how they affect everything from airplanes to wind turbines.</p>	<p>The Wright Brothers introduced the world to flight, but do your students know how NASA came to be? Find out in this video. Use READY JET GO! teacher resources to incorporate engineering and design into your classroom.</p>



Educator Planning Sheet: Elementary

WEEK	CONTENT	GRADES	WATCH	TEACH	EXPLORE
DEC. 7 Celebrating Winter	Science	PreK-K	Broadcast: ELINOR WONDERS WHY, The Science of Staying Warm/ The Seed of an Idea 12/8, 3:30PM ET Online: ELINOR WONDERS WHY, The Science of Staying Warm/ The Seed of an Idea	Encourage students to be like scientists and keep track of their winter season learning in this science notebook . Use the charts and tables outlined on the pages to organize thinking, document findings, and record data from scientific investigations.	The seasons are changing! Get your little learners prepared for why we dress for different seasons with this activity. To help your learners understand how to make observations, have them play this game that will carry out science experiments using binoculars, flashlights and other investigative tools.
	Science	1-2	Broadcast: NATURE CAT, Where Have All the Butterflies Gone?!/ For the Birdies! 12/8, 12PM ET Online: NATURE CAT, Love Ya, Birdies! (series of video clips)	Students can create a bird feeder using materials found in nature.	Where do all the butterflies and birds go in the winter? They migrate! Watch these two videos on bird migration and butterfly migration to show your learners where they go when it starts getting chilly. For you, read a blog about how one teacher taught their students about hibernation with NATURE CAT .
	Science	3-5	Online: Earth in Orbit	Explore some factors (temperature and precipitation) of daily weather to develop an understanding of how short-term weather can describe seasonal weather.	Join the Kratt brothers to learn about wintertime creature adaptations , like Gracie, the toad, who has to hibernate in this NATURE CAT video. With this lesson plan, use models of the Earth-Sun system and daylight data to gather evidence that supports an explanation of why summer days have more daylight than winter days.



Educator Planning Sheet: Elementary

WEEK

CONTENT

GRADES

WATCH

TEACH

EXPLORE

DEC. 14
Sharing Your Creativity

Arts

PreK-K

Broadcast:
PINKALICIOUS & PETERRIFIC, Gingerbread House/Christmas Tree Trouble 12/15, 3PM ET

Online:
You can find [PINKALICIOUS & PETERRIFIC clips and episodes](#) on the PBS KIDS website

After learning about a range of dance styles, children are inspired to [make up their own dance](#).

Put on your dancing shoes with the printable that gets your students [up and moving](#) throughout the day, or play this video from SESAME STREET and join [Elmo's dance party](#). If they aren't into dancing, you can inspire them to [create homemade instruments](#) to jam along.

Arts

1-2

Broadcast:
PINKALICIOUS & PETERRIFIC, Gingerbread House/Christmas Tree Trouble 12/15, 3PM ET

Online:
You can find [PINKALICIOUS & PETERRIFIC clips and episodes](#) on the PBS KIDS website

Experiment with different instruments, sounds, and rhythms with this online [game](#). After choosing a drum set, xylophone, or harp, children make changes in order to create their own unique musical instrument.

[Learn about instruments](#), what they look like, and how they sound in this short video. After the video, have your students learn more about [Johann Sebastian Bach](#), a classical music composer, and [Anna Pavlova](#), a Russian ballet dancer with these early ed resources from XAVIER RIDDLE AND THE SECRET MUSEUM. You could also encourage students to [make their own instruments](#) from materials at home.

Arts

3-5

Online:
Behind the scenes: [making music](#).

Your [students can create](#) and share their own songs, adding beats, melodies and harmonies—why not challenge your students to create a pattern?

Along with [beatboxing](#), students can learn how different sequences of chords [create the harmonies in music](#). There are so many ways to express creativity, and it doesn't just have to be about music and dance. Have your students ever thought about creating their own furniture? Spark creativity with this video on [how-to build cardboard furniture](#).



Educator Planning Sheet: Elementary

WEEK

CONTENT

GRADES

WATCH

TEACH

EXPLORE

DEC. 21
Sharing Your Creativity

Arts

PreK-K

Broadcast:
LET'S GO LUNA,
Lost and Found/
Time of Goodbye
12/22, 10AM ET

Online:
You can find [LET'S GO LUNA clips and episodes](#) on the PBS KIDS website

In [Andy's Art Studio](#), little artists can paint masks, quilts and nesting dolls from around the world!

Here is a printable way to let your learners design their own [unique LET'S GO LUNA design](#). Before your learners start mixing the paint, show them this video on [mixing paint](#). Use this Peg + Cat game to introduce children to [reading, writing, and representing numbers](#) while counting and being oh so creative.

Arts

1-2

Broadcast:
NATURE CAT, Muck Amok/Follow Those Footprints
12/22, 12PM ET

Online:
NATURE CAT, [Save the Marsh!](#) (series of video clips)

Read along with Nature Cat, Squeeks, and the rest as your students [explore](#) the marsh and pollution.

Learners are instructed to [paint their own foot/hand prints](#) and compare them to the prints of Nature Cat characters and animals. Or, with this activity, students can turn [a couple of paper plates and some paint](#) into a great visualization of how chameleons change colors to match their settings. Using a variety of materials, [children then make their own mixed-media art](#), exploring how the same materials can result in different interpretations.

Arts

3-5

Online:
[Stop Motion Animation | Media Arts Toolkit](#)

Stop motion animation can tell a story, illustrate a process, demonstrate a simple action, or communicate an idea. Using a variety of materials, students of all ages can learn to [create simple animation](#) projects.

You can experiment with simple machines in this SciGirls activity where students [design and create their own moving sculpture](#). In this activity from Design Squad Nation, students can [experiment with the design process](#).



Educator Planning Sheet: Elementary

WEEK	CONTENT	GRADES	WATCH	TEACH	EXPLORE
DEC. 28 Healthy Me	Science	PreK-K	Broadcast: SID THE SCIENCE KID, I Want Cake 12/29, 8AM ET Online: SID THE SCIENCE KID, I Want Cake	Learn about the different food groups by sorting lunch into grains, fruits, vegetables, meats/beans/proteins, dairy, and “sometimes” foods. Students can use their own lunches or teachers can demonstrate using theirs.	The resources found in this collection help you explore each of the Sid concept cycles with activity ideas, video clips, and online games. It’s important to introduce preschool-age children to healthy habits , such as covering your mouth, or slow down and get bodies moving with this collection of yoga for little learners. During this time, it might be hard to explain social-distancing: use this resource to help explain how it keeps us healthy.
	Science	1-2	Broadcast: PINKALICIOUS & PETERIFIC, Gnome More Nonsense/ Space Dancing 12/29, 3PM ET Online: PINKALICIOUS & PETERIFIC, Space Dancing (video clip)	In this lesson plan , children explore the ways in which dance can represent the natural world.	This lesson concentrates mostly on the use of psychomotor skills , or provide a fun way to stay healthy with these 30 second workouts. In this musical video, students learn about the nutritional benefits of eating an assortment of colorful food and once the food is ingested, the path food takes in our body in order for us to absorb nutrients
	Science/ Math	3-5	Online: Cyberchase: Keeping It Balanced	In this media-rich activity from Cyberchase , students learn that 60 minutes of moderate to vigorous activity a day contributes to a healthy lifestyle that can keep you fit.	Use Cyberchase online games to teach students STEM skills while staying active: this one about baseball is one of our favorites. Test your children’s knowledge of nutrition and healthy eating in this quiz. In this blended lesson supporting literacy skills, students watch videos that explore why some foods are healthy and others unhealthy .



Educator Planning Sheet: Elementary

WEEK	CONTENT	GRADES	WATCH	TEACH	EXPLORE
Jan. 4 Creative Problem-Solving	Math/ Science	PreK-K	<p>Broadcast: ELINOR WONDERS WHY, Water You Doing?/Thinking About Blinking 01/05, 3:30PM ET</p> <p>Online: You can find ELINOR WONDERS WHY clips and episodes on the PBS KIDS website</p>	<p>Search our entire Elinor Wonders Why Collection for tons of activities designed to spark your students' curiosity! In this one, your students can make their own "helicopter" spinner.</p>	<p>It's time for shapes! This collection is filled with simple and fun activities and games, perfect for home, the classroom, or out and about.</p> <p>Students learn shadow shapes in this PEEP and the Big Wide World activity.</p>
	Math	1-2	<p>Broadcast: THE CAT IN THE HAT KNOWS A LOT ABOUT THAT!, The Smart Move/ Simply Simple 01/05, 11AM ET</p> <p>Online: THE CAT IN THE HAT KNOWS A LOT ABOUT THAT!, Pulling Together</p>	<p>Students can test, experiment, and discover simple machines for themselves in your own classroom Machine-a-Ma-Zoo!</p>	<p>What are simple machines? Learn more about the six types of simple machines. Your little learners can learn more about how their playground equipment uses simple machines.</p>
	Math	3-5	<p>Online: CYBERCHASE, Bianca Gets in Gear</p>	<p>Build your math lesson using gears! These teaching tips will help you frame, focus, and follow-up with students.</p>	<p>In this video, students learn about the basic workings of three simple machines, and check out what can be accomplished with six simple machines that make hard work easier. Want students to try to make their own simple machines? They can watch this video of how one student put together a plant waterer.</p>



Educator Planning Sheet: Elementary

WEEK

CONTENT

GRADES

WATCH

TEACH

EXPLORE

Jan. 11
Act It
Out

SEL

PreK-K

Broadcast:
CLIFFORD THE
BIG RED DOG, The
Birdwell Times/
Night at the
Library
1/12, 9:30AM ET

Online:
You can find
[CLIFFORD THE BIG
RED DOG clips and
episodes](#) on the
PBS KIDS website

Who is in Clifford's
Dog House? This
fun [coloring page](#)
encourages your
students' imagination!
Invite students to
share how each of
Clifford's friends are
kind to him and how
Clifford is kind to
his friends.

Join Clifford with this game
that [brings stories to life](#).
Pinkalicious [shares the joy of
dramatic play](#) in this video,
and these [activities](#) are
designed to encourage make-
believe and the flow of creative
movement.

SEL

1-2

Broadcast:
ARTHUR, No Acting
Please/Prunella
Deegan and the
Disappointing
Ending
1/12, 1PM ET

Online:
You can find
[ARTHUR clips and
episodes](#) on the
PBS KIDS website

Check out the Arthur
collection with tons of
ideas and lessons for
[Dramatic Play and
Creative Movement](#),
including the [Play-
Maker](#) which will help
your students create
and put on their own
production.

This animation follows friends
Andrew and Sophie as they
pretend to be jungle explorers,
[acting out their adventures](#).
Help your kids celebrate their
talents by [creating their
own television special](#) in this
activity from Arthur.

SEL

3-5

Online:
[Theater Warm-
Up Games | Ford's
Theatre](#)

So. Much, Drama.
Here's a short [Drama
Arts Toolkit Glossary](#)
[for your students](#).

Students can learn about the
[characteristics of Greek
drama](#), watch the Mexican
version of a [familiar folklore](#),
or get [oratory tips and tricks](#).
This lesson plan covers how
students can [understand
story elements](#).

Educators Planning Sheet: Secondary

This plan-ahead guide is for 6-12 educators. The broadcast content connects to the WORLD Channel At-Home Learning block, which offers five hours of programming for students in grades 6-12, every weekday ([full schedule here](#)). [Check with your local station](#) to find out where and when to watch.

WEEK	CONTENT	TARGET GRADES	WATCH	TEACH	EXPLORE
NOV. 16	Science	6-12	<p>Broadcast: NOVA: Making North America: Origins 11/16, 1PM ET</p> <p>Online: NOVA: Making North America: Origins</p>	NOVA: Making North America - Collection	Discover how North America took its shape by visiting geological sites across the continent, searching for clues in the landscape, and viewing episodes from the broadcast series Making North America, in this interactive produced by NOVA. Why does earth have layers? Learn about what goes on under the Earth!
	Social Studies	6-12	<p>Broadcast: THE AFRICAN AMERICANS: MANY RIVERS TO CROSS, Episode 1: The Black Atlantic (1500-1800) 11/16, 3PM and 4PM ET</p> <p>Online: THE AFRICAN AMERICANS, Frederick Douglass (video clip)</p>	The African Americans: Many Rivers to Cross	Explore a blog about how to start yourself on the road to representation in your classroom, or how to decolonize your classroom . Use these resource collections to teach students the history of AfricanAmericans from Africa to MLK jr. and beyond .
	ELA	7-12	<p>Broadcast: AMERICAN MASTERS, Sammy Davis Jr.: I've Gotta Be Me 11/20, 3PM-5PM ET</p> <p>Online: AMERICAN MASTERS, Celebrities, Activism, and the Civil Rights Movement (video clip)</p>	American Masters: Sammy Davis, Jr.: I've Gotta Be Me	Watch a preview and get an overview on Sammy Davis, Jr. , his contributions to the American music and dance scene, and how he battled racism . Check out this collection about the Freedom Riders who were civil activists in the 1960's.

Educators Planning Sheet: Secondary

WEEK	CONTENT	TARGET GRADES	WATCH	TEACH	EXPLORE
NOV. 23	Science	6-12	<p>Broadcast: LIFE FROM ABOVE: Patterned Planet 11/26, 2PM ET</p> <p>Online: LIFE FROM ABOVE, Satellite Imagery and Biodiversity (video clips)</p>	Nature: The Serengeti Rules	In this interactive resource from the National Park Service, learn about the forces that help shape coastal landforms like cliffs and beaches. Use this lesson plan to investigate how to protect coastlines from erosion. Another lesson plan helps students determine how well their home state is prepared for the impacts of climate change and will explore ways that nature can be harnessed to create resilient communities in the face of changes like sea level rise.
	Social Studies	6-9	<p>Broadcast: AFRICA'S GREAT CIVILIZATIONS, Episode 3: Empires of Gold 11/23, 4PM ET Cont. on 11/24, 11/25, 11/26</p> <p>Online: AFRICA'S GREAT CIVILIZATIONS, Queen Njinga Mbandi (video clip)</p>	Africa's Great Civilizations - Collection	Experience a virtual field trip to Africa to learn how locals are working together to restore forestlands, protect wildlife, and promote ecotourism.. Students can make their own African masks using this video and accompanying support materials showing students that African masks are more than aesthetic artifacts.
	Science	6-12	<p>Broadcast: PREHISTORIC ROAD TRIP, Tiny Teeth, Fearsome Beasts 11/23, 12PM ET</p> <p>Online: You can find clips from this episode of PREHISTORIC ROAD TRIP on the PBS website</p>	Antarctica's Ice-Free Past Polar Extremes	Students learn about the construction and context of some prehistoric tools which allowed early humans to survive and thrive. This interactive activity explores the kinds of things we can learn from several types of fossils that scientists study. How do fossils become fossils? This video details the conditions in which a fossil can form .

Educators Planning Sheet: Secondary

WEEK	CONTENT	TARGET GRADES	WATCH	TEACH	EXPLORE
NOV. 30	Science	6-12	<p>Broadcast: NOVA: Polar Extremes 12/2, 12PM and 1PM ET</p> <p>Online: NOVA: Polar Extremes</p>	NOVA: Polar Extremes - Collection	Using videos and text-dependent discussion questions, students learn about specific ways the arctic is changing —focusing specifically on the behavioral adaptations of polar bears. With every season comes change - from weather, to human behavior, to critter habits - and Seasonal Science helps reveal the science behind it all. Learn the difference between heat and temperature , why wind makes us feel colder, and what it's like to live as a mass of jiggling atoms.
	Social Studies	6-12	<p>Broadcast: LATINO AMERICANS, Episode 1: Foreigners in Their Own Land— 11/30, 4PM ET Cont. on 12/1, 12/2, 12/3</p> <p>Online: LATINO AMERICANS, Episode 1: Foreigners in Their Own Land</p>	Latino Americans - Latinos at the Ballot Box Lesson Plan	Dive into a blog to learn how to elevate Hispanic/Latinx history all year round. This collection from Latino Public Broadcasting holds educator guides, media resources, videos and lesson plans highlighting Latinx people and related issues.
	Science	6-12	<p>Broadcast: POETRY IN AMERICA: Those Winter Sundays / POETRY IN AMERICA: Musée des Beaux Arts 12/4, 2PM ET</p> <p>Online: POETRY IN AMERICA, Haden: Those Winter Sundays (clip)</p> <p>POETRY IN AMERICA, Auden: Musée des Beaux Arts (clip)</p>	<p>Haden: Those Winter Sundays</p> <p>Auden: Musée des Beaux Arts</p>	Explore the power of language , look at the world with a fresh sense of wonder, and build reading and writing skills. The Poetry in America resource collection gathers distinguished interpreters from all walks of life to explore and debate 12 unforgettable American poems. In this interactive lesson, discover how literary techniques like figurative language, imagery, and symbolism contribute to the overall meaning of a poem. If you're looking for more professional development, dive into this blog about how poetry can inspire student expression .

Educators Planning Sheet: Secondary

WEEK	CONTENT	TARGET GRADES	WATCH	TEACH	EXPLORE
DEC. 7	Science	9-12	<p>Broadcast: NOVA WONDERS: Can We Build a Brain? 12/7, 12PM ET</p> <p>Online: NOVA WONDERS: Can We Build a Brain?</p>	<p>NOVA Wonders: Can We Build A Brain? - Driverless Vehicles Yield to Complex Issues</p>	<p>Explore some of the social impacts and ethical questions related to the development of robots, and this interactive lesson examining possible changes in the workforce due to technological advances in robotics.</p>
	Social Studies/ Science	9-12	<p>Broadcast: AMERICAN EXPERIENCE: The Eugenics Crusade 12/9, 3PM and 4PM ET</p> <p>Online: AMERICAN EXPERIENCE: The Eugenics Crusade</p>	<p>Ken Burns in the Classroom: Genetics, History and the American Eugenics Movement</p>	<p>Have your students take a crash course in population genetics, which helps to explain the evolution of populations over time. In an It's Okay to Be Smart episode they take a look at today's genetic engineering technologies to find out if designer babies and human cloning is, or should be, a reality. This video helps students discover how the structure of DNA relates to its hereditary function.</p>
	ELA	6-12	<p>Broadcast: AMERICAN MASTERS: Worlds of Ursula K. Le Guin 12/11, 3PM ET</p> <p>Online: AMERICAN MASTERS: Worlds of Ursula K. Le Guin "Paving the Way for Fantasy Fiction" (video clip)</p>	<p>AMERICAN MASTERS: Ursula K. Le Guin</p>	<p>This collection of videos can serve as an introduction to the genre of science fiction, and supplement certain texts that a class might read within the genre. Watch videos that are sharing a new, modern retelling of Mary Shelley's classic tale: Frankenstein, M.D.</p>

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DEC. 14	ELA		<p>Broadcast: GREAT PERFORMANCES: Much Ado About Nothing 12/18, 2:30PM-5PM ET</p> <p>Online: GREAT PERFORMANCES: Much Ado About Nothing “Women and Gender Roles: ‘If I Were A Man I Would Eat His Heart Out in the Marketplace’” (series of video clips)</p>	<p>GREAT PERFORMANCES: Much Ado About Nothing</p>	<p>The Shakespeare Uncovered resource collection combines history, biography, iconic performances, new analysis, and the personal passions of its celebrated hosts to tell the stories behind the stories of Shakespeare’s greatest plays. Catch up with the latest news on Shakespeare in this video from PBS NEWSHOUR. Watch a video that should help inspire students to read Shakespeare’s works, and empowers them to understand his language.</p>
	Social Studies	6-12	<p>Broadcast: Ken Burns’s THE NATIONAL PARKS: AMERICA’S BEST IDEAS, Ep. 1: The Scripture of Nature (1851-1890) 12/14, 3PM & 4PM ET Cont. on 12/15, 12/16, 12/17, 12/21, 12/22</p> <p>Online: Ken Burns’s THE NATIONAL PARKS: AMERICA’S BEST IDEAS “People Behind the Parks” (series of video clips)</p>	<p>Ken Burns in the Classroom: The National Parks: America’s Best Idea - Collection</p>	<p>While watching a short video segment about Yellowstone National Park, students take notes they later use to create an interesting and informative poster. Take a trip to Redwood National Park to learn about requirements for redwood growth, methods of reproduction, and the effects of natural fires. When out in a national park, it’s important to pick up on some trail etiquette. Share this blog with your students on the unspoken rules of the hiking trail.</p>
	Science	6-12	<p>Broadcast: CHANGING SEAS: Toxic Algae: Complex Sources and Solutions / CHANGING SEAS: The Future of Seafood 12/16, 12PM ET</p> <p>Online: CHANGING SEAS: Toxic Algae: Complex Sources and Solutions</p> <p>CHANGING SEAS: The Future of Seafood</p>	<p>Algae Blooms Affect Great Lakes Drinking Water</p> <p>Aquaponics: Reducing Impacts of Overfishing</p>	<p>Algae is so important to some regions, but when algae grows extremely fast it’s called a bloom and can sometimes be harmful. Watch this video to learn more. In this lesson, students explore human impact on water resources, investigate the quality of their community’s water supply, and consider ways to clean up and avoid further pollution.</p>

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DEC. 21	Science	6-8	<p>Broadcast: NATURE: Sex, Lies, and Butterflies 12/22, 2PM ET</p> <p>Online: NATURE: Sex, Lies, and Butterflies “Bats and Moths: Sound Battles” (video clip)</p>	Bats vs Moths: An Analysis	<p>Find out how scientists are working with volunteers from across North America to understand why the monarch butterfly population is declining and to help protect them from further decline. Learn the differences between butterflies and moths in this brief Teachable Moment. Learn about specialized photographic equipment to study what makes a good Monarch overwintering habitat. Younger students can check out this SciGirls citizen science project which asks participants to count the number of monarch larva or caterpillars on milkweed plants.</p>
	Social Studies	9-12	<p>Broadcast: FRONTLINE: From Jesus to Christ: The First Christians 12/23, 3PM & 4PM ET Cont. on 12/24</p> <p>Online: FRONTLINE: From Jesus to Christ: The First Christians</p>	FRONTLINE: From Jesus to Christ: The First Christians	<p>Learn about three of the world’s major religions — the monotheist traditions of Judaism, Christianity, and Islam. This collection of resources from the award-winning public television series Religion & Ethics NewsWeekly is designed to help students gain awareness and understanding of the diversity of religions and religious experiences, and the reasons for particular expressions of religious beliefs within a society or culture.</p>
	ela	6-9	<p>Broadcast: MASTERPIECE: Little Women, Episode 1 12/25, 2PM ET</p> <p>Online: MASTERPIECE: Little Women “Defying Convention” (video clip)</p>	MASTERPIECE: Little Women - Collection	<p>This teaching guide helps instructors use a specific primary source set, Little Women by Louisa May Alcott, in the classroom. It offers discussion questions, classroom activities, and primary source analysis tools. Engage students with discussion questions, a close reading of passages from Alcott’s book Hospital Sketches, connections to the PBS show Mercy Street, and research about other abolitionists. Explore the impact of transcendentalism on the life of Louisa May Alcott and American society.</p>

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DEC. 28	Science	6-8	<p>Broadcast: NOVA: The Planets: Mars 12/28, 2PM ET</p> <p>Online: NOVA: The Planets: Mars</p>	Life on Mars?	<p>Tour three Martian landscapes and find out how erosion and water affected the surface of Mars. Curious about Curiosity? Learn about the complex robotic arm of NASA's Mars Science Laboratory (MSL) rover, Curiosity. In this crash course learn about Mars' topography, core, and features.</p>
	Social Studies	6-12	<p>Broadcast: CIVILIZATIONS, Episode 2: How Do We Look? 12/28, 4PM ET Cont. on 12/29, 12/30, 12/31, 1/4</p> <p>Online: You can find clips from this episode of CIVILIZATIONS and others on the PBS website</p>	KQED - Art and Social Studies Collection	<p>Explore the seven basic elements of art including Line, Shape, Form, Texture, Value, Space, and Color. Arts Across the Curriculum comprises arts-infused digital media instructional resources, and provides teachers and students with innovative and engaging media content and tools. Read a blog to help you integrate art into your classroom.</p>
	ELA	6-12	<p>Broadcast: AMERICAN MASTERS: Worlds of Ursula K. Le Guin 1/1, 4PM ET</p> <p>Online: AMERICAN MASTERS: Worlds of Ursula K. Le Guin "The Left Hand of Darkness and Gender Fluidity" (video clip)</p>	AMERICAN MASTERS: Ursula K. Le Guin	<p>Learn about how MTV created a visual space for artists to challenge gender norms, using this lesson. Understanding LGBTQ+ Identity: A Toolkit for Educators offers a series of digital media resources to help teachers, administrators, guidance counselors, and other educators understand and effectively address the complex and difficult issues faced by LGBTQ students.</p>

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JAN. 4	Science	6-12	<p>Broadcast: BLOOD SUGAR RISING 1/4, 1PM & 2PM ET</p> <p>Online: BLOOD SUGAR RISING</p>	BLOOD SUGAR RISING - Collection	In this lesson students investigate the changing prevalence rates of type 2 diabetes and learn how this disease develops. Students learn about percentages in relation to the study of diabetes . They look at a nutrition label and apply various skills to answer questions about the label.
	Social Studies	6-12	<p>Broadcast: Ken Burns's THE ROOSEVELTS, Episode 1: Get Action, 3PM & 4PM ET Cont. on 1/6, 1/7, 1/11, 1/12, 1/13, 1/14</p> <p>Online: Ken Burns's THE ROOSEVELTS "President Theodore Roosevelt: Foreign Policy Statesman or Bully?" (series of video clips)</p>	Ken Burns in the Classroom: The Roosevelts	What have been the role and effects of U.S. foreign policies and actions in the Middle East? Learn more with this resource.
	ELA	6-12	<p>Broadcast: THE LIBRARY OF CONGRESS NATIONAL BOOK FESTIVAL: CELEBRATING AMERICAN INGENUITY 3PM & 4PM ET</p> <p>Online: THE LIBRARY OF CONGRESS NATIONAL BOOK FESTIVAL: CELEBRATING AMERICAN INGENUITY</p>	Literary Elements and Techniques - Collection	It's Lit! is a series of smart, funny video essays from PBS Digital Studios about our favorite books and why we love to read. Crash Course offers it all in quick-paced, imaginative videos highlighting well-known literature works. Watch a video on Julie Chen as she stretches the definition of bookmaking and book art with her awe-inspiring paper sculptures.

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JAN. 11	Science	6-12	<p>Broadcast: WHEN WHALES WALKED: JOURNEYS IN DEEP TIME 1/13, 12PM & 1PM ET</p> <p>Online: WHEN WHALES WALKED: JOURNEYS IN DEEP TIME “Pakicetus: Walking Whale Ancestor” (video clip)</p>	When Whales Walked: Journeys in Deep Time - Collection	Students learn about the fossil record , the primary type of evidence scientists use to piece together the history of life and to support and refine the theory of evolution. Isn't Evolution Just a Theory? Explore the nature of science and scientific knowledge to understand why “theory” is more than just a hunch or a guess. Learn how evolution is responsible for the explosion of Earth's biodiversity .
	Civics	7-12	<p>Broadcast: UNLADYLIKE2020: UNSUNG WOMEN WHO CHANGED AMERICA 1/15, 2PM ET</p> <p>Online: UNLADYLIKE2020: UNSUNG WOMEN WHO CHANGED AMERICA “Tye Leung Schulze” (video clip)</p>	The Unladylike 2020 collection features digital resources and lessons featuring 26 little-known Progressive Era women	Using animated video from In Their Own Words: American Masters Digital Archive, students examine the life of Marilyn Monroe through the eyes of feminist icon Gloria Steinem. In this video from SciTech Now, learn how groups of young women are helping to break the stigma of the video game development field being male-oriented. This collection of video clips, lesson plans, and primary sources details key figures, events, and regional movements of the decades-long fight to win the right to vote for women in the United States. Teacher blogs about 5 powerful women in science, literature and history .
	ELA	6-12	<p>Broadcast: THE GREAT AMERICAN READ: Heroes 1/15, 3PM ET</p> <p>Online: THE GREAT AMERICAN READ: Heroes “Catch-22 by Joseph Heller” (video clip)</p> <p>THE GREAT AMERICAN READ: Who Am I? “S.E. Hinton, Danny Boy O’Connor, and The Outsiders” (video clip)</p>	The Great American Read - Collection	Dive into one of a four-part series that has an emphasis on fun, engaging, accessible, and free tools for classrooms. This series will highlight techniques for engaging learners through essential communication skills, and present ideas for enhancing teaching practice through activities, projects, passion, and a connection to literature. How do you engineer a pop-up book ? Have your students watch this video to find out!



Professional Learning



In this kit, we have highlighted a handful of professional learning resources to help enhance your learning on topics included in this kit, like [The Great American Read](#), [SEL](#), [Scientific Inquiry](#) and [Mars exploration](#). We have used the to denote resources where certificates are available.

BEST FOR	TYPE	TOPIC	DESCRIPTION
PreK-5	Virtual Professional Learning Series: Episode 3	Culturally Responsive Teaching with MOLLY OF DENALI	In this virtual professional learning episode , educators will have the opportunity to meet MOLLY OF DENALI creative producer Princess Johnson, who leads us through a discussion about how educators can honor their students, embrace differences and appreciate similarities in a systematic way, that goes beyond simply offering food samples from around the world or engaging in read alouds.
PreK-3	Self-Paced Course	Engaging with Families and Communities to Support Social-Emotional Learning	In this course you will learn to engage families and communities as partners in the work of social-emotional learning (SEL)—particularly because we know that culturally responsive SEL begins in the home before it is formally introduced in educational settings.
PreK-3	Teaching Tips	Animal Adaptations	Lessons using informational texts, digital games and video clips from WILD KRATTS help children build concept knowledge about animal adaptations and how these adaptations help animals meet their needs and survive.
6-12	Virtual Professional Learning Series Webinar	Our Planet	In this three part series , teachers will highlight PBS's recent broadcast show, LIFE FROM ABOVE, as the basis for exploring new ways to teach students about our planet. In episode 2, meet Astronaut Abby, an aspiring astronaut and STEAM education advocate who uses social media to encourage young women to go into science and engineering, and who share her dreams of exploring Mars.
ALL	Virtual Professional Learning Series Webinar	For the Love of Lit	This virtual professional learning experience will introduce a number of teaching models and strategies to enhance your practice. How can you inspire your students to be passionate writers and engaged readers? We'll explore texts in The Great American Read .
PreK-3	Self-Paced Course	Create Playful Science Lessons with The Cat in the Hat Knows a Lot About That!	In this course, you will explore how to develop children's science inquiry skills through a hands-on, media integrated approach to playful learning about scientific and engineering concepts.

Professional Learning

BEST FOR	TYPE	TOPIC	DESCRIPTION
PreK-K	 Self-Paced Course	Playful Science Inquiry With Young Children	Early childhood educators and caregivers working with young children can draw on children's natural curiosities and questions that come up in play to start off on their science adventures together in this self paced course.
6-12	Blog	Using "Ken Burns in the Classroom" in Your New Virtual Classroom	Enrich your classroom with Ken Burns resources using this blog detailing how one teacher uses the resources in his virtual classroom . These resources include compilations of library of videos, interactive media, and other materials to help students further explore complex historical events and issues
Pre K-5	Blog	Combating the Wintertime Blues	This blog details how to battle the wintertime downtime and blues that you'll have from being away from your students. Take advantage of this list of tips to help you through the colder months.
ALL	 Virtual Professional Learning Series Webinar	Tools for Anti-Racist Teaching	Explore the role media plays in our understanding of race and racism. Hear from experts who share advice on how educators can use media to confront injustice and create anti-racist classroom environments.