



AT-HOME LEARNING

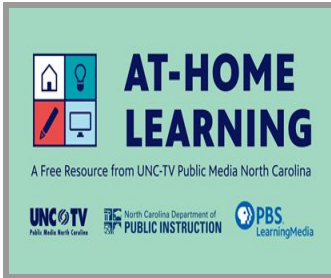
Curriculum-Related Programming

Tune in Monday through Friday, 8 AM-6 PM, to the North Carolina Channel or stream at unctv.org/ahl

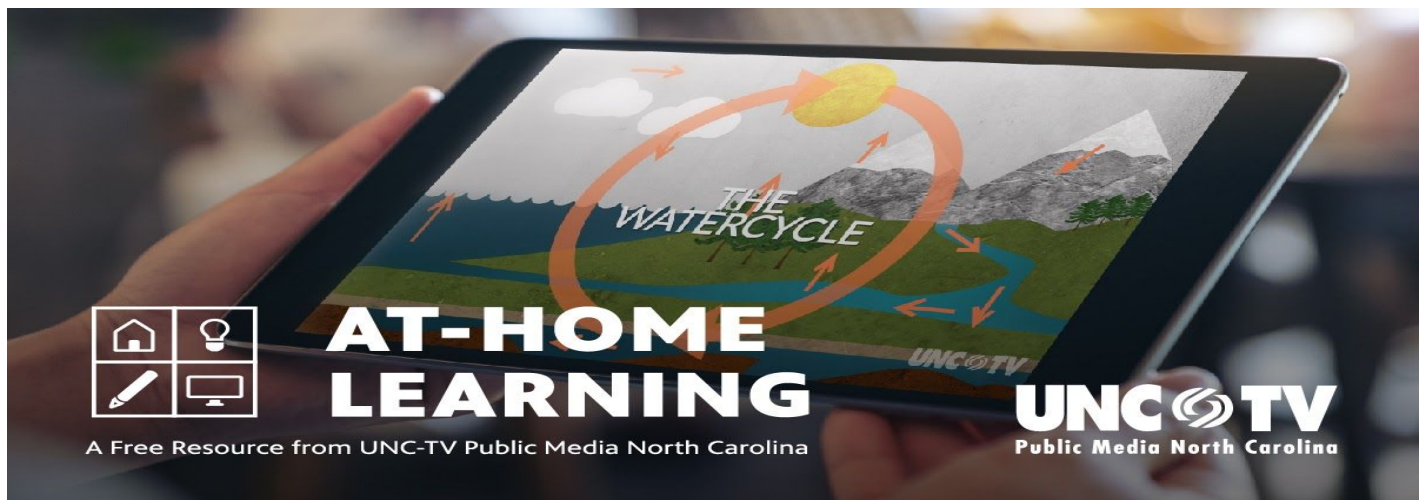
This is a free resource from UNC-TV Public Media North Carolina

■ Grades 4-8 ■ Grades 9-12

Scheduling for: April 27-May 1, 2020



Partnering with the North Carolina Department of Public Instruction, UNC-TV has worked to provide students with a robust schedule of programs designed to complement their schools' existing virtual learning efforts. These educational resources are FREE and are designed to be used by parents, caregivers and educators to help support and maintain learning for children during school closures. This multi-platform initiative includes PreK–12 educational programming online and on air, as well as additional robust resources through PBS LearningMedia.



Disclaimer:

The content found on UNC-TV's programming was created prior to school closures, separate from the North Carolina Department of Public Instruction (NCDPI). NCDPI does not endorse any of the content provided within these programs. NCDPI does not endorse any of the titles listed on the top 100 list from *Great American Reads*.

PBS Program	Content Area	NCDPI Resource Suggestions
<i>Example</i> Chasing the Moon American Experience Part 1	US History Grades 9-12	<ul style="list-style-type: none"> • First Black Astronaut Trainee - PBS Learning • National Archives Space Race Learning Activities (MS/HS) • The Great Space Race (Grades 3,4,5)

Monday, April 27, 2020		
Peg + Cat (207)	Math TK - 3	<ul style="list-style-type: none"> ● Part 1 <ul style="list-style-type: none"> ○ ShapeHunt ○ IdentifyShapes ● Part 2 <ul style="list-style-type: none"> ○ MeasureinMeters ○ MeasurePaths
Cyberchase (208)	Math TK - 3	<ul style="list-style-type: none"> ● NearestTen ● EstimateSums
NOVA The Planets: Inner Worlds (Episode 4612)	Science Grades 4-8	<ul style="list-style-type: none"> ● The Inner Planets A reading comprehension and short answer activity to supplement the NOVA Inner Worlds video. ● Outdoor Scale Model of the Solar System Venture outside to create a scale model of the solar system using materials from your home and a tape measure!
NOVA Apollo's Daring Mission (Episode 4518)	Science Grades 4-8	<ul style="list-style-type: none"> ● America's Space Program: Exploring a New Frontier This resource contains many activities. You can choose to complete all of the activities or choose as many as needed to supplement the NOVA Apollo Mission video. The activities start on page 7.
Kingdoms of the Sky: Andes Episode 3	Science Grades 4-8	<ul style="list-style-type: none"> ● Use the graphic organizer (page 42) and identify behavioral and physical adaptations of animals.
NOVA	Music	<ul style="list-style-type: none"> ● Explore Gustav Holst and his orchestral suite The Planets with listening activities
The Roosevelts: An Intimate History	Social Studies	<ul style="list-style-type: none"> ● The Powers of the Presidency - Understanding Presidential Power: Handout ● Power of the Presidency Viewing Guide

PBS Program	Content Area	NCDPI Resource Suggestions
Tuesday, April 28, 2020		
Peg + Cat (208)	Math TK - 3	<ul style="list-style-type: none"> ● Part 1 <ul style="list-style-type: none"> ○ TimeBarrier ● Part 2 <ul style="list-style-type: none"> ○ ShowOneLess ○ PatternBlockBarrier
Cyberchase (209)	Math TK - 3	<ul style="list-style-type: none"> ● RollaRule ● PatternsMultiplyTable

Molly of Denali	Literacy PK-3	<ul style="list-style-type: none"> • <i>Option 1:</i> Pretend that you are the host of your own cooking show. As you are making the recipe, make sure to tell your audience about each ingredient and how to use each cooking utensil. Standards: SL.4 • <i>Option 2:</i> Talk to a family member about an old recipe. Ask who, what, where, when, and why questions to learn more about your family history. Standards: SL.2 • <i>Option 3:</i> Create your own recipe with how-to-instructions for someone else to make it. Standards: W.2
History Detectives	Music & History	<ul style="list-style-type: none"> • The Star Spangled Banner <ul style="list-style-type: none"> ◦ Library of Congress Sheet Music
NOVA	Music	<ul style="list-style-type: none"> • Explore Gustav Holst and his orchestral suite The Planets with listening activities
NOVA The Planets: Mars (Episode 4613)	Science Grades 4-8	<ul style="list-style-type: none"> • The First Manned Mission to Mars There are three activities within this resource that tie in together. The only materials needed are paper, pencil, and critical thinking skills! Activity 1 - What do you know about Mars? Activity 2 - Planning the Mission Activity 3 - NASA Press Release ; Where Would you Land on Mars?
Kingdoms of the Sky Himalaya Episode 2	Science Grades 4-8	<ul style="list-style-type: none"> • Nature Journaling prompt: Record your own observations about the weather and be sure to note the condition of the sky. Based on your observations, predict what the weather might be like in a few hours.
Wednesday, April 29, 2020		
Peg + Cat (213)	Math TK - 3	<ul style="list-style-type: none"> • Part 1 <ul style="list-style-type: none"> ◦ County5s ◦ MySecretNumber • Part 2 <ul style="list-style-type: none"> ◦ Colorby2s
Cyberchase (210)	Math TK - 3	<ul style="list-style-type: none"> • DataRep
Molly of Denali	Literacy PK-3	<ul style="list-style-type: none"> • Design a flag for your neighborhood, town, or house. Include a caption that explains how the

		image and colors you chose represents that community. Standards: W.2, L.6, R.2
NOVA	Music	<ul style="list-style-type: none"> Explore Gustav Holst and his orchestral suite The Planets with listening activities
NOVA The Planets: Jupiter (Episode 4614)	Science Grades 4-8	<ul style="list-style-type: none"> Jupiter Background Reading and Discussion Questions Scroll to the bottom of the page to find the two documents. The questions are based on the background reading document.
History Detectives	Social Studies	<ul style="list-style-type: none"> Brief Biography; Vocabulary Iconic American Video: Graphic Organizer Primary Source Activity Primary Source- This is Amelia Earhart's first pilot's license. When it was issued, Earhart was only the sixteenth woman to be granted a license. <p>Questions:</p> <ol style="list-style-type: none"> Describe the photo of Amelia Earhart. What can you see in her facial expression? What do you notice about her clothing? Pilots were not required to wear aviation equipment in their license photos; why do you think Amelia Earhart chose to wear her cap and goggles, items meant to protect pilots from wind and cold once they were in flight? Do you think you would enjoy flying as a recreational activity? Why or why not?
SURVIVING THE DUST BOWL: AMERICAN EXPERIENCE	US History Grades 9-12	<p>Opportunity 1 As students watch the PBS program "SURIVING THE DUST BOWL: AMERICAN EXPERIENCE Episode 1008", jot down answers to the questions. Don't worry about missing information to a question or two. The goal is to use this guide to help you as you watch the program. However, don't focus so much on trying to write full answers at the expense of missing the meaningfulness of what the program hopes you will learn.</p> <p>Printable Resource: https://drive.google.com/file/d/1YGW-k7y0-j0L-a3GTB0KJ5kAdxRdFF27/view?usp=sharing</p> <p>Opportunity 2 Students view various photographs from the Dust Bowl crisis, and two more recent refugee crises. They then watch a video to learn about the hardships the Dust Bowl created, in order to better understand the circumstances that lead people to leave their homes behind and head to uncertain destinations.</p> <ul style="list-style-type: none"> Student examine the three photographs one at a time. For each photograph, students examine what they see in the image. What assumptions can be made about the living conditions depicted in the image? What might the

		<p>expressions or body language of the people in the photograph convey?</p> <ul style="list-style-type: none"> • Students should make sure they know that the Rwandan refugees had fled genocide in their home country, and that the Syrian refugees had escaped from a war zone. The students should also know that people in Iowa also experienced • Students should think about and write a brief response to the compelling question: “Do you have any new insights into why people might flee and what hardships they may encounter”? <p>Printable Resources:</p> <ul style="list-style-type: none"> • Migrant Family The Great Depression U.S. History, the 1930s; a roadside camp in Blythe, California, photograph by Dorothea Lange • Rwandan Refugees Remembering the Rwandan Genocide, 1994, Goma, the Democratic Republic of the Congo, photograph by Tom Stoddart • Syrian refugee crisis Conflicts: Syria, 2013, camp for displaced people, Qatma, Syria
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Thursday, April 30, 2020

Peg + Cat (216)	Math TK - 3	<ul style="list-style-type: none"> • Part 1 <ul style="list-style-type: none"> ○ RollaRule ○ PatternsMultiplyTable • Part 2 <ul style="list-style-type: none"> ○ Bananapicnic ○ PegTrianglePizza
Cyberchase (211)	Math TK - 3	<ul style="list-style-type: none"> • 2stepProblems
Molly of Denali	Literacy PK-3	<ul style="list-style-type: none"> • <i>Option 1:</i> If you have a pet, write an entry for a textbook about that animal. Explain its habitat, eating patterns, sleeping schedule, and physical characteristics. Standards: W.2, L.6 • <i>Option 2:</i> Think of a rule that you have at home. Determine your opinion about the rule. Come up with 3 powerful reasons to keep it or change it. Discuss it with a family member. Standards: W.1, SL. 1, L.6
NOVA	Music	<ul style="list-style-type: none"> • Explore Gustav Holst and his orchestral suite The Planets with listening activities
NOVA The Planets: Saturn (Episode 4615)	Science Grades 4-8	<ul style="list-style-type: none"> • Death Dive to Saturn: Saturn’s Rings Background Reading and Discussion Questions

		Scroll to the bottom of the page to find the two documents. The questions are based on the background reading document.
Influenza 1918: American Experience	US History	<ul style="list-style-type: none"> • After watching, put two columns on a sheet of paper: "Factors contributing to flu spread" and "Actions of public health officials." Using notes taken while watching the show, complete the lists. • Looking back at the flu epidemic, what do you think should have been done to try to control the disease's spread? Why do you think these actions were not taken? <ul style="list-style-type: none"> ◦ Adapted from Teacher's Guide
Friday, May 1, 2020		
Peg + Cat (102)	Math TK - 3	<ul style="list-style-type: none"> • Part 1 <ul style="list-style-type: none"> ◦ ArthurFairShare ◦ PirateFairShare ◦ Fairsharegame • Part 2 <ul style="list-style-type: none"> ◦ Count20 ◦ 4plus1
Cyberchase (212)	Math TK - 3	<ul style="list-style-type: none"> • QuadCriteria • QuadHierarchy
Molly of Denali	Literacy PK-3	<ul style="list-style-type: none"> • <i>Option 1:</i> Create your own secret code. You can use pictures, colors, words, objects, etc. Practice using the code with a friend or family member. Make sure that you can explain the meaning of your code. Practice on a stuffed animal or pet. Standards: SL.1 • <i>Option 2:</i> Write a mystery. Be sure to include setting, characters, a problem to solve, a beginning, a middle, and an end. Standards: W.3, L.6
NOVA	Music	<ul style="list-style-type: none"> • Explore Gustav Holst and his orchestral suite The Planets with listening activities
Islamic Art: Mirror of the Invisible World	Visual Art & World History	<ul style="list-style-type: none"> • Dive deeper into the world of Islamic Art <ul style="list-style-type: none"> ◦ NC Museum of Art ◦ Ackland Art Museum Islamic Art Gallery ◦ Museum of Islamic Art
NOVA The Planets: Ice Worlds (Episode 4616)	Science Grades 4-8	<ul style="list-style-type: none"> • Astronomy and Football In this activity, students calculate the average distance of each planet from the Sun scaled to a football field drawn and

		measured out on a 30 x 35 cm paper.
The Farthest Voyager in Space	Science Grades 4-8	<ul style="list-style-type: none"> • Learning Connections and Reflection (can be adapted for grades 6-8)

Additional Resources

April 27 - May 1

Math

For additional information about math alignment and programming, click [Peg + Cat](#) and [Cyberchase](#)

Science

For additional information about science alignment and programming, click [here](#).

English As a Second Language Resources

The resources in this [folder](#) can be used by teachers, but also shared with students and families to use independently (Spanish versions available). There are a variety of hands-on projects that families could work on together.

English Language Arts Resources- Grades 6-12

Writing Prompts for The Great American Read: Heroes

Grades 6-8- Informative Writing Standards: W.1, L.6

Explain how reading books about heroes allows us to see aspects of ourselves. Who are everyday heroes and what makes them a hero?

Grades 6-8- Argumentative Writing Standards: W.2, L.6

If you have read Hunger Games, make an argument for why Katniss is a hero. Be sure to include relevant claims and counterclaims to prove your argument.

Grades 6-8- Narrative Writing Standards: W.3, L.6

Plan out and write your own story about a hero. Remember to think about all aspects of plot and narrative writing. Include setting, character development, theme, conflict, resolution, dialogue, point of view, mood, sensory details, etc. Begin by creating your plot diagram and then write your story.

Grades 9-12- Informative Writing Standards: W.1, L.6

Explain what makes a hero a hero. Think about the hero as an archetype and explain how they portray aspects of the human condition. Be sure to include relevant support for your explanation.

Grades 9-12- Argumentative Writing Standards: W.2, L.6

If you have read 1984, provide an argument for who the hero of the story is. Include what characteristics make a hero. Be sure to provide relevant evidence from the text, reasonable claims, and counterclaims to make your argument.

Grades 9-12- Narrative Writing Standards: W.3, L.6

Write your own hero narrative. This can be a short story or narrative poem. Be sure to include all of the aspects of plot, setting, conflict, imagery, mood, point of view, perspective, etc.

Writing Prompts for The Great American Read: Villains and Monsters

Grades 6-8- Informative Writing Standards: W.1, L.6

Write a biography of any monster or villain from a book or show that you have read/seen. Create a backstory with relevant explanations for why he or she became a villain.

Grades 6-8- Argumentative Writing Standards: W.2, L.6

If you have read any of the Harry Potter series, write an argumentative essay on why Lord Voldemort or any of the featured monsters (troll, basilisk, Dementors, etc.) are the greatest villain or monster of all time. Be sure to include relevant claims and counterclaims to prove your argument.

Grades 6-8- Narrative Writing Standards: W.3, L.6

Plan out and write your own story about a villain or monster. Remember to think about all aspects of plot and narrative writing. Include setting, character development, theme, conflict, resolution, dialogue, point of view, mood, sensory details, etc. Begin by creating your plot diagram and then write your story.

Grades 9-12- Informative Writing Standards: W.1, L.6

Explain what makes a villain a villain. Think about the villain as an archetype and explain how they portray aspects of the human condition. Be sure to include relevant support for your explanation.

Grades 9-12- Argumentative Writing Standards: W.2, L.6

If you have read Frankenstein, write an argumentative essay on Frankenstein's monster is the greatest/scariest/most unique, etc. monster of all time. Be sure to include relevant claims, textual evidence and counterclaims to prove your argument.

Grades 9-12- Narrative Writing Standards: W.3, L.6

Design and create your own graphic novel about a villain or monster. Think about how the images will convey the plot elements for your story. Include dialogue or text when appropriate. Consider how the space between scenes impacts the mood of your story.

Additional The Great American Read Resources

Book Club for Kids Podcast: <http://www.bookclubforkids.org/>

Standards Alignment: SL.2, SL.3, SL.4

This resource allows students to participate in their own version of The Great American Read. Within the resource, there are opportunities for students to listen to podcasts presented by kids about books, rate and review podcasts, and be featured on a podcast.

Storyboard Creator: <https://www.canva.com/create/storyboards/>

Standards Alignment: L.3, W.4, W.5

Plan your own Great American Read! Students can use this resource to create a storyboard for their own version of the show. They can choose books that are popular in their grade-bands to showcase, draw the visuals, and write the script. With this tool, students are able to take a firsthand approach to what goes into developing multimedia communications.

Your Story Matters: <https://ywp.nanowrimo.org/>

Standards Alignment: W.3, L.6

Once students watch the Great American Read series and are inspired to write their own texts, students of all ages are supported through the process using this tool. There are challenges throughout the year for students to write freely and confidently. The site differentiates for students K-12 to be supported.

Story Wars- Collaborative Writing: <https://www.storywars.net/>

Standards Alignment: L.6, W.3, R.4, R.6, R.7, R.9

Story Wars allows students to collaboratively write a story based on an image. Stories are voted on and some turned into published print and ebooks. Just as the 100 books featured in The Great American Read series are voted on, so is student work in a safe, collaborative space.

Write the World: Global Community of Young Writers: <https://writetheworld.com/>

Standards Alignment: W.3, L.6

After viewing the Great American Read episodes, students can use this resource as a way to develop and promote their own writing in a public space. Student-writers, ages 13-18, can access writing prompts, establish regular writing practices, and build a portfolio of work. Students can improve their writing skills by submitting work for feedback and providing feedback to fellow writers across the world.

Gamify Creative Writing: <https://storiumedu.com/>

Standards Alignment: L.6, W.3, R.4, R.6, R.7, R.9

Just as the visuals used during The Great American Read episodes engage viewers, Storiumedu engages students to use digital “story cards” as a way to develop characters and plot in their writing. Students stay invested in their writing by taking ownership of their characters through the gaming process.

****Accessing UNC-TV Public Media North Carolina's Channels on Cable & Satellite**

Spectrum Cable subscribers can access UNC-TV's four digital services at the following channel numbers: UNC-TV – 1221, the North Carolina Channel – 1276, Rootle 24/7 PBS KIDS Channel – 1275 and the Explorer Channel – 1277. Contact your provider if you need help finding us in your area.

Visit <https://www.unctv.org/watch/channels/> to find additional provider information.