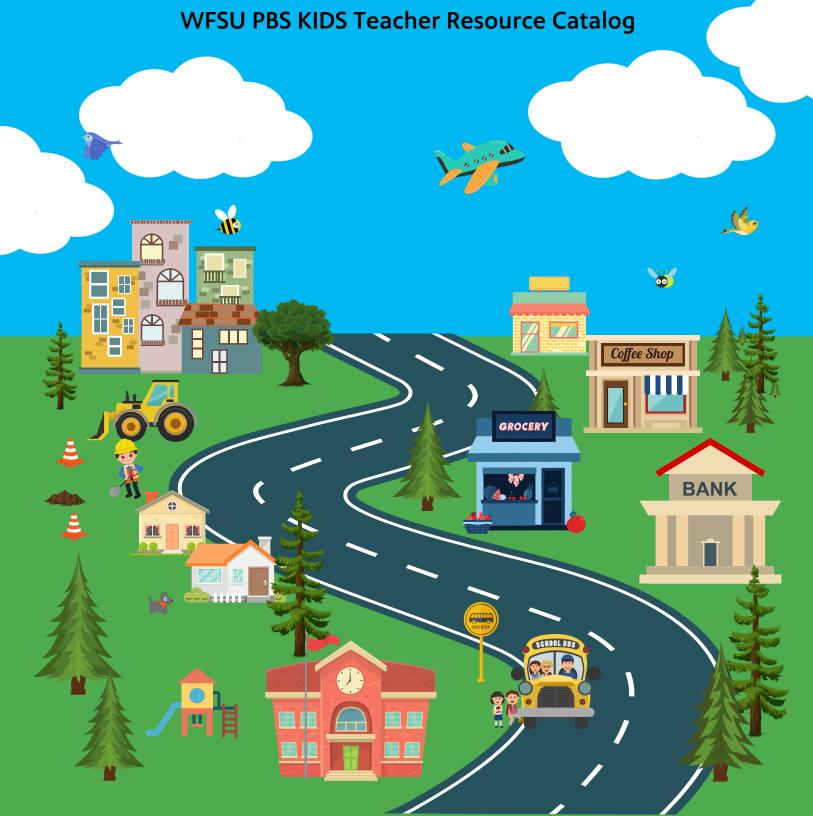


### **EDUCATION & ENGAGEMENT 2023**



### **Table of Contents**

Alignment to Learning Goals1
Educational Materials for All Ages2
What is WFSU Education & Engagement?3
Educator and Family Workshops4
After-School and Summer Programs5-9
WFSU Education & Engagement Annual Events10
Ready To Learn Self-Paced Learning Modules11-13
Local WFSU Collections14-15
Educational Materials: PreK-First Grade16-20
Educational Materials: Second-Fifth Grade21-24
Educational Materials: Middle and High School25-26
WFSU Local Partners27



# PBS PBS KIDS Learning Goals

# **SOCIAL & EMOTIONAL LEARNING**

Daniel Tiger's Neighborhood 2-4 Social & Emotional Learning	2-4	Social & Emotional Learning	
Sesame Street	2-5	Social & Emotional Learning, Literacy, Math, Spanish	, Spanish
Caillou	2-5	Social & Emotional Learning	24/7 Channel
Esme & Roy	2-5	Social & Emotional Learning	24/7 Channel
Clifford the Big Red Dog	3-5	Social & Emotional Learning	
Mister Rogers' Neighborhood	3-6	Social & Emotional Learning	
Arthur	4-8	Social & Emotional Learning, Social Studies	5
Xavier Riddle and the Secret Museum	5-8	Social & Emotional Learning	

# LITERACY

WordGirl	Molly of Denali	Martha Speaks	WordWorld	Super WHY!
5-8	4-8	4-8	2-5	2-5
5-8 Literacy (Vocabulary Acquisistion) 24/7	Literacy (Informational Text)	Literacy (Vocabulary Acquisistion)	Literacy	Literacy
24/7 Channel		24/7 Channel	24/7 Channel	24/7 Channel

# **SOCIAL STUDIES, THE ARTS & MORE**

Pinkalicious & Peterrific 3-6 The Arts, Creative Expression

4-7 Social Studies (World Cultures and Geography

Digital-Only		
Kart Kingdom	3-6	3-6 Systems Thinking
Oh Noah!	4-8	Spanish, Cultural Awareness
Scribbles and Ink	4-8	4-8 The Arts

# STEM (Science, Technology, Engineering & Math)

1

Ready Jet Go!	Odd Squad	Hero Elementary	Cyberchase	Wild Kratts	Nature Cat	Sid the Science Kid	Dinosaur Train	The Cat in the Hat Knows a Lot About That!	Elinor Wonders Why	Curious George	Peg + Cat	Splash and Bubbles	Peep and the Big Wide World	O   E   Vacience,
5-8	5-8	4-8	4-8	4-8	3-7	3-6	3-6	3-6	3-5	3-5	45 5	2-5	2-5	33
Scientific Inquiry, Life/Earth & Space/Physical Science, Engineering & Technology	Math	Scientific Inquiry, Life/Earth & Space/Physical Science, Engineering & Technology	Math	Scientific Inquiry, Life Science	Life/Earth Science	Scientific Inquiry, Life/Earth/Physical Science, Math Channel	Scientific Inquiry, Life/Earth Science	Scientific Inquiry, Life/Earth/Physical Science, Engineering & Technology	Scientific Inquiry, Life/Earth Science, Engineering & Technology	Scientific Inquiry, Engineering, Math	Math	Scientific Inquiry, Life Science	Science Inquiry, Life/Physical Science, Math Channel	, rechnology, Engineering & Mach

Digital-Only		
The Ruff Ruffman Show	4-8	The Ruff Ruffman Show 4-8 Scientific Inquiry, Physical Science, Engineering & Technology
Design Squad Nation	4-8	Design Squad Nation 4-8 Scientific Inquiry, Physical Science, Engineering
PBS KIDS ScratchJr	5-8	5-8 Computational Thinking
SciGirls	6-8	6-8 Scientific Inquiry, Life/Physical/Earth Science, Engineering & Technology, Math

# Educational Materials for All Ages



# PBS LearningMedia

### **PBS Learning Media**

PBS LearningMedia, a next-generation digital media service, empowers Pre-K through 16 educators to reimagine classroom learning, transform teaching, and creatively engage students. High-quality content tied to Common Core and national curriculum standards is freely available to all educators as a basic service.

https://www.pbslearningmedia.org/

### **WFSU Public Media**



Visit WFSU's website, wfsu.org, for so many incredible resources. Visiting give you access to streaming media, WFSU TV, FM news on national, state, and local stories, music and the arts, PBS Education information, community events, membership information, and so much more! <a href="https://wfsu.org/">https://wfsu.org/</a>

### The FLORIDA Channel



Located in the state capitol building, The FLORIDA Channel features programming covering all three branches of state government. Information provided by The FLORIDA Channel is intended to educate all Floridians, including teachers and students, about our state. Programming includes a wide variety of short segments related to Florida history, including "Florida Markers," showcasing historic state sites, "Florida Symbols," featuring the state flag and other legislative designations, and "Florida Portraits," highlighting people, places, and events around the state. <a href="mailto:thefloridachannel.org">thefloridachannel.org</a>

### **NPR**



A thriving media organization at the forefront of digital innovation, NPR creates and distributes award-winning news, information, and music programming to a network of 959 independent stations. The website provides a wealth of resources, including programming schedules, programs to listen to online, articles, songs and information about each radio program. <a href="https://www.npr.org/">https://www.npr.org/</a>

# What is WFSU Education & Engagement?



WFSU Public Media's Education & Engagement team builds on the PBS tradition of inspiring young people in new ways, offering lifelong learning for parents and educators, and setting the standard for helping kids become 'Ready To Learn.'

Special projects from WFSU include in-school visits with students, night and weekend programs with families, professional development for parents and educators, and programs designed for pre-k to graduation and beyond. Our after-school and seasonal projects ensure year-round learning—avoiding the "summer slump" within a fun and interactive environment.

At WFSU, we value our special role within the community. Please let us know how we can help you!

### The Core Mission of Ready To Learn 2020-2025

CPB and PBS are working with early learning experts to create experiences that expose young children to career and workforce options. Our mission is to help children build vital functional literacy, critical thinking, collaboration, and "world of work" skills. Our efforts will also empower and equip parents, caregivers, and communities to support children's learning and growth, putting children on a path to lifetime success.

Find out more: <a href="https://cpb.org/ready-to-learn">https://cpb.org/ready-to-learn</a>

# WFSU Education & Engagement Educator and Family Workshops

### **WFSU's Educator and Parent Workshops**

Join WFSU's monthly Early Childcare Educator and Parent Workshops! Teachers that attend will receive two in-service hours and FREE dinner. Learn, play, and grow with new activities, lessons, and discussions each month. In each workshop, you can learn new teaching tips from experienced teachers and engage with WFSU PBS KIDS content that is free to use and aligns with state standards. At the end of each workshop, WFSU PBS KIDS prizes including books, games, and more, are given out in a raffle. We hope to see you there!

Visit the WFSU Website for more information on Educator and Parent Workshops https://wfsu.org/education/workshops/



### **WFSU PBS KIDS Family and Community Learning Nights**

WFSU PBS KIDS Family and Community Learning (FCL) is a series of four workshops that engage families in hands-on collaborative and playful learning. Designed for families with children ages 5-8 (and younger/older siblings), the series uses both digital and tangible tools to support the development of science inquiry and engineering design practices as families observe, question, predict, investigate, build, share, and reflect with one another. The series aims to support and foster positive attitudes and perceptions about what science is and the ability for families to engage in and support one another's learning.

WFSU PBS KIDS FCL Series include Molly of Denali, PBS KIDS ScratchJr, PBS KIDS Learn & Grow Together, and Ready Jet Go! Look out for future FCLs coming soon!



### What is Camp TV?

This endearing series captures the excitement and enrichment of a day camp experience. Experts and teaching artists from leading educational and cultural institutions across the country present segments focusing on math, literacy, science, arts, movement and more. This camp is geared for children ages five to ten.

### What will kids do at the camp?

With Camp TV, kids can get the camp experience at home! When you sign up to participate in Camp TV, you find a materials list of things you can most likely find around your house and then follow along with different activities. Each week with Camp TV brings something new! For more information visit: <a href="https://wfsu.org/education/camp-tv/">https://wfsu.org/education/camp-tv/</a>



# What is Cyberchase Green It Up Camp?

This animated series tells the story of a team of curious kids summoned into cyberspace to outwit and outsmart the villain Hacker using math and problem-solving skills. Cyberchase proves that math is everywhere, and everyone can use it to make the world better. The Cyberchase Green it Up Camp is designed for children five to eight.

### What will kids do at the camp?

Students will explore content from the beloved and long-running PBS KIDS math series, Cyberchase, while simultaneously diving into topics of environmental stewardship and conservation including deforestation, pollination, gardening, and composting.

For more information visit: <a href="https://wfsu.org/education/cyberchas">https://wfsu.org/education/cyberchas</a>
<a href="e-camp/">e-camp/</a>

5



### What is PBS KIDS ScratchJr Camp?

The PBS KIDS Scratch Jr. camp introduces programming language inspired by the popular Scratch program (MIT), used by millions of young people around the world. With PBS Kids ScratchJr, children aren't just learning to code, they're coding to learn. It is designed to teach coding to children five to eight.

### What will kids do at the camp?

During the PBS Kids ScratchJr camp, young people can create their own digital animations, comic-book-style stories, and basic games. Children also learn to solve problems and design projects. If you are interested in partnering with us to share this camp with your group, let us know. For more information visit: https://wfsu.org/education/project/c amps-pbs-kids-scratchir-camp/



### What is SciGirls Camp?

Every girl can be a SciGirl. The camp will transform the way girls look at science, technology, engineering, and math. This series has the right formula to inspire the next generation of scientists and engineers with an engaging combination of real-world science for middle-school-aged children.

### What will kids do at the camp?

This one-week summer experience will ignite a pursuit of a future academic paths in STEM. Campers experience a deeper look into the world of MagLab research with opportunities to meet successful female scientists. SciGirls is for those who want to delve into science activities and STEM adventure. For more information visit: https://wfsu.org/education/scigirls/



## What is the Ruff Ruffman Show Camp?

The Ruff Ruffman Show is a series designed to help learn core science concepts through videos, game-play, and hands-on activities. The series stars canine host extraordinaire Ruff Ruffman, who answers questions from real kids, takes on challenges, and learns the value of failure—all while modeling science inquiry skills. This camp is designed for children five to eight.

## What will kids do at the camp?

The Ruff Ruffman Show features YouTube-inspired videos, digital games and real-world activities for kids to experiment with science in everyday life.

For more information visit: <a href="https://wfsu.org/education/project/sensational-science-camp-with-ruff-ruffman/">https://wfsu.org/education/project/sensational-science-camp-with-ruff-ruffman/</a>

### What is Super Why Camp?

Welcome to Super Why, a series designed to help kids ages 3 to 6 with the critical skills that they need to learn to read. Super Why and friends use their super powers such as "word power," to change the story and save the day. Super Why is one of the most researched reading programs that proves effective in helping children learn to read. Read more about Super Why at PBS.org

# What will kids do at the camp?

The Super Why! Summer Reading Camp is a breakthrough three-week-long program that invites beginning readers to practice key reading skills and transform into "Super Readers".

For more information visit:

<a href="https://wfsu.org/education/project/super-why-summer-reading-camps/">https://wfsu.org/education/project/super-why-summer-reading-camps/</a>

7



### What is Odd Squad Camp?

The Odd Squad television series features a high-tech agency run by kids. Odd Squad emphasizes problemsolving, teamwork, and perseverance in every strange and hilarious new assignment the agents tackle. Agents use effective mathematical practices and critical mathematics concepts to ultimately solve each case.

### What will kids do at the camp?

At the "Be the Agent Camp," children will take on the role of an Odd Squad Agent. Campers will spend five days as Odd Squad agents, solving odd cases and creating useful gadgets.

For more information visit:

<a href="https://wfsu.org/education/project/oddgquad-be-the-agent-camp/">https://wfsu.org/education/project/oddgquad-be-the-agent-camp/</a>



### What is Peg + Cat Camp?

Peg + Cat Camp engages preschoolers ages four to six in fun, informal learning experiences in math and problem-solving. Peg + Cat Camp uses resilience strategies, children learn to work as a team, creatively approach problems, use mistakes as learning opportunities, and persist through challenges.

### What will kids do at the camp?

Campers spend five days solving problems with Peg and Cat, all the while counting, sorting, making observations, and engaging with other science and math concepts.

For more information visit:

<a href="https://florida.pbslearningmedia.org/collection/peg-cat/t/peg-cat-camp-collection/">https://florida.pbslearningmedia.org/collection/</a>



### What is Ready Jet Go?

Ready Jet Go! is a kid's first introduction to space, earth science, and technology, presented in an entertaining and engaging way that will inspire a life-long interest. Kids ages 3 to 8 will be learning alongside a seasoned space traveler. As an alien from Borton, Jet sees our Planet Earth like we want our kids to see it: with a sense of curiosity and wonder.

### What will kids do at the camp?

At Ready Jet Go! Space Exploration Camp, children ages 5 to 8 spend five sessions as Space Scouts. They accomplish missions, engineer spacecrafts and play space-themed games. Campers use teamwork to develop their science and engineering skills.

For more information visit: <a href="https://florida.pbslearningmedia.org/resource/space-exploration-camp-media-gallery/ready-jet-go-rtl-2015-2020-initiative/">https://florida.pbslearningmedia.org/resource/space-exploration-camp-media-ource/space-exploration-ca



## What is WFSU PBS Kids Create?

PBS KIDS Create camp is a chance for kids to take all their favorite parts of PBS KIDS shows combined with their own imagination to design, write, and create their own PBS KIDS "show."

### What will kids do at the camp?

Each day as campers watch various PBS KIDS shows, they will not only be learning from the content in the shows, but also learning about the content and ideas behind the shows. Classic favorites such as Wild Kratts, Arthur, Pinkalicious, and more will serve as the backdrop of learning for students to develop their learning theme, character design, setting creation, and storyboards.

For more information visit: wfsu.org/education

### WFSU Education and Engagement Annual Events

### **Owl-O-Ween**



Celebrate the Fall season at Owl-O-Ween with the help of WFSU and community partners. This FREE outdoor family event includes a screening of episodes from your favorite PBS Kids shows, learning about the creatures of the outdoors, participating in activities and crafts, and you can enter a costume contest! Visit and learn with partners from The Challenger Learning Center, Southern Shakespeare Company, Museum of Florida History and many more!

Owl-O-Ween is recommended for ages 2-8, but all ages are welcome.

### World of Possibilities: A Kids' Career Day



Join us as we meet and learn from those who serve our very own community through a variety of jobs. Meet local chefs, artists, bus drivers, librarians, animal care workers, and more. Help your little ones explore the world of work, teaching them about the interesting things people do in our community every day. Children can fill up their World of Possibilities Passport by participating in hands-on learning activities. Participants will receive free take-home resources, visit with animals, and have the chance to touch and see some cool work vehicles, too!

### **Be My Neighbor Day**



Since 2017, Be My Neighbor Day has been a major event for the WFSU Public Media viewing area – with families traveling from places as far as Panama City and Jacksonville to spend the day with Daniel Tiger and friends! With the characters present for meet-and-greets, and tons of partners to provide neighborly crafts and activities, plus screenings of the PBS KIDS series Daniel Tiger's Neighborhood and other hit tv shows, this event is always a hit.

### WFSU Summer Challenge



Participate in WFSU PBS KIDS annual Summer Challenge by completing activities in the Summer Challenge Checklist found in the activity book or online. As you check items off, earn points to win prizes at the end of the summer! This year's Summer Challenge is "Branchin' Out!" which focuses on green jobs within our community and different ways you can make a positive difference on our environment. Each summer, the theme is different; in recent summers the theme has been <a href="Hills">Hills</a>, <a href="Mounds">Mounds</a>, and Mountains</a>, and <a href="Level Up Land!">Level Up Land!</a> The Summer Challenge Initiative was inspired by the brilliant Community Classroom Consortium, a coalition of more than 30 cultural, scientific, natural history, and civic organizations in North Florida and South Georgia.

### Ready to Learn Self-Paced Learning Modules for PreK-2 Teachers

### Share Media with Peg + Cat

With digital tools you already have and math-based resources from PBS KIDS, explore ways to use media in your classroom and encourage students to share what they learn! (2 hours/Media Literacy)

https://teach.pbskids.org/learning-paths/share-media-with-peg-cat

### Spark Learning with Daniel Tiger's Neighborhood

Media can spark children's curiosity, conversations, and play! Discover ways to use Daniel Tiger's Neighborhood and other media to ignite children's learning. (2 hours/Media Literacy) <a href="https://teach.pbskids.org/learning-paths/spark-learning-with-daniel-tigers-neighborhood">https://teach.pbskids.org/learning-paths/spark-learning-with-daniel-tigers-neighborhood</a>

### Supporting Play with Media & Technology

Explore your beliefs about technology and interactive media use. You will discover ways you can use media and technology to support playful learning experiences with children. (4 hours/Media Literacy)

https://teach.pbskids.org/learning-paths/supporting-play-with-media-and-technology

### Create Media with PBS KIDS Scratch Jr.

Creating media is an important part of early media literacy skills. Explore how digital tools and non-digital materials in your learning environment can support children's media creation skills. (2 hours/Media Literacy)

https://teach.pbskids.org/learning-paths/media-creation-with-scratchjr

### **Document Learning with Elinor Wonders Why**

With PBS KIDS early science resources and your own tools and materials, explore ways to use media and encourage students to document their curiosity and learning! (2 hours/Media Literacy)

https://teach.pbskids.org/learning-paths/document-learning-with-elinor-wonders-why

### **Model Learning with Odd Squad**

With math-based resources from PBS KIDS, explore how characters and stories in media can model ways for students to think about, question, and practice what they learn! (2 hours/Media Literacy)

https://teach.pbskids.org/learning-paths/model-learning-with-odd-squad





# Ready to Learn Self-Paced Learning Modules for PreK-2 Teachers

### Teaching Early Science with the Changing Seasons Collection

In this module, explore how the PBS KIDS Changing Seasons collection was created through co-design with museums, educators, and PBS stations. Dive deep into how the Next Generation Science Standards and the six approaches to integrating media, fortify the Changing Seasons resources and can boost engagement in your learning setting.

(2 hours/Science & Media Literacy)

https://teach.pbskids.org/learning-paths/teaching-early-science-with-the-changing-seasons-collection

### Thinking and Making with Media in K-2 Classrooms

Learn how to integrate media into your teaching and how it can help your students become life-long learners. Learn all about media literacy, what media literacy looks like in action, and how to select the right resources for your class. (2 hours/ Science & Media Literacy) <a href="https://teach.pbskids.org/learning-paths/thinking-and-making-with-media-in-prek-2-classrooms">https://teach.pbskids.org/learning-paths/thinking-and-making-with-media-in-prek-2-classrooms</a>

### K-2 Science Tips: Animal Adaptations

Step into a first-grade classroom to see first-hand how to foster inquiry and curiosity in your students. Learn about teaching resources you can use in your classroom and observe how a teacher designs learning experiences that meet the needs of every student. (2 hours/Science)

https://teach.pbskids.org/learning-paths/k12-science-tips-animal-adaptations

### K-2 Science Tips: Energy & Motion

Discover new ways to weave technology into your current teaching practices. Modules include tips to introduce energy and motion to students and promote exploration, learning in action, and applying knowledge. (2 hours/ Science)

https://teach.pbskids.org/learning-paths/k-2-science-tips-energy-and-motion

### **PEEP Science Teaching Strategies for Center-Based Preschool Educators**

Uncover how to incorporate science into your teaching using the PEEP curriculum. Observe how a teacher creates a learning environment where children practice science talk, self-reflection, and apply their learning. (2 hours/Science)

https://teach.pbskids.org/learning-paths/peep-science-teaching-strategies-for-center-based-preschool-educators

### PEEP Science Teaching Strategies for Family Child Care Educators

Uncover how to incorporate science into your teaching using the PEEP curriculum. (2 hours /Science)

https://teach.pbskids.org/learning-paths/peep-science-teaching-strategies-for-family-child-care-educators



### Ready to Learn Self-Paced Learning Modules for PreK-2 Teachers

### **Explore Media with Wild Kratts**

With inquiry-based and connected learning approaches and engaging media, you will learn how to support young children's understanding of Animal Adaptations, an essential learning standard in the Next Generation Science Standards (NGSS) curriculum. (2 hours/Science)

https://teach.pbskids.org/learning-paths/explore-media-with-wild-kratts

### Early Engineering with Ready Jet Go!

With real-life materials and exciting tools to touch and explore, engineering activities are a natural draw for many young children. In this professional development experience, we'll look at teacher practices for engaging young children in the conversation and teamwork necessary to support their learning. (2 hours/Science)

https://teach.pbskids.org/learning-paths/stem-talk-and-collaboration-with-ready-jet-go

### **Supporting Dual Language Learners**

Get the facts on the power of bilingualism for young children! Build a personal toolkit of resources and strategies to nurture home languages in your classroom, with a focus on supporting Spanish language. (2 hours/Emotional Intelligence)

https://teach.pbskids.org/learning-paths/supporting-dual-language-learners

### Thinking and Making with Media in K-2 Classrooms

Learn how to integrate media into your teaching and how it can help your students become life-long learners. Learn all about media literacy, what media literacy looks like in action, and how to select the right resources for your class. (2 hours/ Science & Media Literacy) <a href="https://teach.pbskids.org/learning-paths/thinking-and-making-with-media-in-prek-2-classrooms">https://teach.pbskids.org/learning-paths/thinking-and-making-with-media-in-prek-2-classrooms</a>

### **Connecting with Families**

To fully support a child's development, strong communication between educator and family is the key. In this professional development experience, we'll look at effective strategies for using technology to enhance communication with families.

(2 hours/ Family Engagement)

https://teach.pbskids.org/learning-paths/connecting-with-families

### **Teach with Informational Text**

This Learning Path for preschool to grade 2 teachers shares why and how to effectively engage young children with informational text using a variety of resources. Rising expectations necessitate children spend a substantial amount of their literacy time on informational text, yet many teachers want to know more about how to use this text type. (2 hours/Reading)

<u>https://teach.pbskids.org/learning-paths/watch-listen-and-read-aloud-with-informational-text</u>



### **Local WFSU Collections**

### **Not So Black and White**

WFSU's first long-form podcast, Not So Black and White: A community's divided history, will investigate Tallahassee's history around representation and inclusion. This topic was chosen based on observations and conversations with people in academia, social services, and education who have observed that Tallahassee, the capital city of Florida, carries vestiges of segregation that impact the conversations and policy decisions around growth, development, education, and health.

### **Episodes**

Episode 1: Erasing the Dividing Line Episode 2: Choiced-out in Florida Episode 3: Black Land is Community and Culture

Episode 4: Who is Guarding Black Culture? Episode 5: The Black Church's Changing Role

For more information visit: https://wfsu.org/nsbw/not-so-black-and-white-tallahassee-leon-county-divided-history

### The U.S. And The Holocaust

This three-part, six hour Ken Burns series examines America's response to one of the greatest humanitarian crises of the twentieth century. Americans consider themselves a "nation of immigrants," but as the Holocaust unfolded in Europe, the U.S. proved unwilling to open its doors to more than a fraction of the hundreds of thousands of desperate people seeking refuge. Through firsthand testimony of witnesses and survivors, the series delves into the tragic human consequences of public indifference, bureaucratic red tape, and quota laws.

### **UNITED STATES HOLOCAUST HISTORY MEMORIAL MUSEUM**



Free resources: guidelines, learning objectives, teaching materials and professional development opportunities that promote accurate and relevant teaching of the Holocaust.

For more information visit: https://www.ushmm.org/teach

### HISTORY UNFOLDED: U.S. NEWSPAPER PROJECT



Join other students, teachers and history buffs searching through old local newspapers for news and opinion about 46 different Holocaust-era events that took place in the United States and Europe, and submit articles to a national database.

For more information visit: <a href="https://newspapers.ushmm.org/">https://newspapers.ushmm.org/</a>

### THE U.S. AND THE HOLOCAUST: KEN BURNS IN THE CLASSROOM



This three-part series examines America's response to one of the greatest humanitarian crises of the twentieth century. Using firsthand witness and survivor accounts, it delves into the tragic human consequences of public indifference, bureaucratic red tape, and quota laws.

For more information visit: <a href="https://www.pbs.org/kenburns/us-and-the-holocaust/">https://www.pbs.org/kenburns/us-and-the-holocaust/</a>

### **Local WFSU Collections**

### **Symphony Safari**

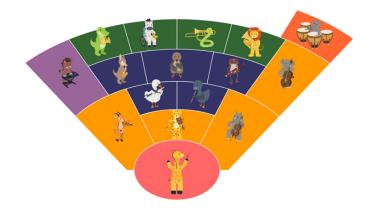
Violetta "VI" Vibrato and Roger "Roger" Rhythm explore what happens when all the instruments in the Tallahassee Symphony Orchestra come together at Ruby Diamond Concert Hall to perform the 1812 Orchestra composed by Pyotr Illyich Tchaikovsky. Episodes feature a wide variety of instruments including clarinet, flute, saxophone, bassoon, and more! Meet different musicians and learn about their passion for music. Join in the fun and download the Symphony Safari Activity Guide for kids to participate in listening activities and different puzzles using the music vocabulary learned in the episodes.

Find the Episodes here:

https://video.wfsu.org/show/tso-symphonic-safari-adventure/episodes/season/2022/

**Activity Guide:** 

https://www.tallahasseesymphony.org/safari/



### **Million Girl Moonshot**

### Florida After-school - Mizzen Mott Foundation

The Million Girls Moonshot seeks to re-imagine who can engineer, who can build, who can make. It will inspire and prepare the next generation of innovators by engaging one million more girls in STEM learning opportunities through afterschool and summer programs over the next 5 years. The focus of WFSU's partnership with Million Girl Moonshot is closing the gap by equipping the community with gender inclusive tools to prepare a million girls in STEM.

For more information visit:

https://www.milliongirlsmoonshot.org/

### In the Grass on the Reef

In the Grass, On the Reef explores the estuary ecosystems of north Florida. Dr. Randall Hughes and Dr. David Kimbro study oyster reefs, salt marshes, and seagrass beds, and the factors that affect their productivity. Join us on the scenic Forgotten Coast for a look at the many fascinating (and often delicious) creatures that inhabit the intertidal zone.

### **Special Episodes:**

Oyster Doctors: 56:46

<u>Testing the Ecology of Fear</u>: 28:30

For more information visit: <a href="https://www.pbs.org/show/in-the-grass-on-the-reef/">https://www.pbs.org/show/in-the-grass-on-the-reef/</a>



### Alma's Way

Alma's Way follows 6-year-old Alma Rivera, a proud, confident Puerto Rican girl who lives in the Bronx with her family among a diverse group of close-knit friends and community members. In every episode, Alma's Way aims to model self-awareness, self-advocacy, social awareness, cultural competency and responsible decision-making. Alma's Way explores the thinking process—Alma's "way" is to think things through!

https://florida.pbslearningmedia.org/collection/almas-way/





The Cat in the Hat Knows a Lot About That! is designed to spark a love of learning and an interest in science and engineering in preschool-aged children. Guided by the Cat, the children figure things out by engaging in science inquiry and engineering design. They ask questions and define problems, make observations, make predictions, plan investigations, collect data, make discoveries, design solutions to problems, and generate and discuss ideas about how the world works.

https://florida.pbslearningmedia.org/collection/arthur/

### **Clifford the Big Red Dog**



Clifford the Big Red Dog uses storytelling to present universal social and emotional messages to young children ages 3-7. These fun-filled episodes follow Clifford and his new pals (both canine and human) as they play, discover and interact with each other and the inhabitants of Birdwell Island, learning that good friends are what life is all about.

The stories are fun and kid-relatable — they feature experiences that all kids encounter: being a good friend, helping others and going on adventures! <a href="https://florida.pbslearningmedia.org/collection/clifford-the-big-red-dog/">https://florida.pbslearningmedia.org/collection/clifford-the-big-red-dog/</a>

### **Curious George**



Curious George is a little monkey with an insatiable curiosity. Like George, children are natural explorers and scientists, and they're anxious to know how things work. The Curious George series takes full advantage of this natural curiosity, using George to motivate children to expand their own investigations of the world. George's memorable adventures — from dismantling clocks to rounding up errant bunnies — offer the perfect vehicles for introducing preschoolers to key concepts in science, engineering, and math. <a href="https://florida.pbslearningmedia.org/collection/curiousgeorge/">https://florida.pbslearningmedia.org/collection/curiousgeorge/</a>



### **Daniel Tigers Neighborhood**

Daniel Tiger's Neighborhood is an animated program for preschoolers ages 2 to 4 which builds on the pioneering PBS series, Mister Rogers' Neighborhood. This series, for a new generation of children, tells its engaging stories about the life of a preschooler using musical strategies grounded in Fred Rogers' landmark resilience curriculum. Through imagination, creativity and music, Daniel and his friends learn the key social skills necessary for school and for life.

https://florida.pbslearningmedia.org/collection/daniel-tigers-neighborhood/



### **Dinosaur Train**

Dinosaur Train embraces the fascination that preschoolers have with both dinosaurs and trains, while encouraging basic scientific thinking skills as the audience learns about life science, natural history and paleontology. Young viewers can join Buddy, a Tyrannosaurus Rex, on a whimsical voyage through prehistoric jungles, swamps, volcanoes and oceans, as they unearth basic concepts in life science, natural history and paleontology.

https://florida.pbslearningmedia.org/collection/dinosaur-train/



### **Donkey Hodie**

Donkey Hodie is a puppet series for children ages 3 to 5 inspired by the quirky, funny side of Fred Rogers as well as his mission to help young viewers navigate the frustrations and challenges of childhood. Donkey Hodie and her pals empower young viewers to dream big and overcome obstacles in their own lives!To be resourceful and discover that they are capable of solving problems on their own!

https://florida.pbslearningmedia.org/collection/donkey-hodie-collection/



### **Elinor Wonders Why**

Elinor Wonders Why aims to encourage children to follow their curiosity, ask questions when they don't understand and find answers using science inquiry skills. Elinor, the most observant and curious bunny rabbit in Animal Town, will introduce kids ages 3-5 to science, nature and community. As kids explore Animal Town, they will meet all kinds of interesting, characters, each with something to teach us about respecting others, the importance of diversity, caring for the environment, and working together to solve problems. https://florida.pbslearningmedia.org/collection/elinor/

### Jelly, Ben, and Pogo



The web series, which launched in 2021, follows Filipina Jelly, her younger brother Ben, and their friend Pogo, who happens to be a sea monster. Each episode takes the Jelly, Ben, and Pogo on adventures around their land and underwater homes and aims to help children learn how to approach problems, like saving an overheated lizard to helping a child face their fears. And while these lessons are being explored, you get to learn — or for many like me, relive — a culture that's not usually showcased.

https://florida.pbslearningmedia.org/search/q=jelly,%20Ben,%20and%20Pogo&page=2

### Let's Go Luna!



Let's Go Luna! follows the adventures of three friends – Leo, a wombat from Australia; Carmen, a butterfly from Mexico; and Andy, a frog from the United States — as they traverse the globe with their parents' traveling performance troupe, "Circo Fabuloso." At each of the Circo's stops, Luna the Moon guides the trio as they get to know the local region and its people. The group's adventures take them through cities around the globe — from London to Cairo to Beijing — where they explore the food, music, art, architecture and other features that make each place distinctive.

https://florida.pbslearningmedia.org/collection/luna-pbskids/

### Nature Cat



The show follows Fred, a house cat who dreams of exploring the great outdoors. Once his family leaves for the day, Fred transforms into Nature Cat, "backyard explorer extraordinaire!". Nature Cat is aimed at 3 to 8 year olds and devised to reconnect children with the natural world. Viewers will learn that to start, they just need to open the door, step outside and prime their senses. <a href="https://florida.pbslearningmedia.org/collection/nature-cat/">https://florida.pbslearningmedia.org/collection/nature-cat/</a>

### Peg + Cat



Peg + Cat is an animated math-based series for children ages 3-5 years old. The show follows the adorable, spirited Peg and her sidekick Cat as they embark on adventures, solve problems together, and learn foundational math concepts and skills. In each 12 minute episode, Peg and Cat face A REALLY BIG PROBLEM, a messy funny crisis they must somehow solve without totally freaking out! <a href="https://florida.pbslearningmedia.org/collection/peg-cat/">https://florida.pbslearningmedia.org/collection/peg-cat/</a>



### **Pinkalicious & Peterrific**

Pinkalicious Pinkerton is unique, one of a kind, and pinkatastic (an original word by an original kid). Together with their friends and neighbors in Pinkville, Pinkalicious and her younger brother Peter get into all kinds of artful adventures. Pinkalicious & Peterrific deepens understanding of dance, theater, music, visual arts, creative writing, media, and culinary arts targeted for ages 3 to 8.

https://florida.pbslearningmedia.org/collection/pinkalicious-peterrific/



### **Rosie's Rules**

Rosie Fuentes is an inquisitive and hilarious 5-year-old Mexican-American girl just beginning to learn about the wow-mazing world beyond her family walls. In this series for ages kids 3-6, Rosie's endless curiosity sets the stage for her ongoing pursuits to learn more about her family, her community and beyond (until recently, she didn't even know there was a beyond!). As Rosie figures things out, the answers become "Rosie's Rules." These "rules" range from the silly and sweet, to the practical.

https://florida.pbslearningmedia.org/collection/rosies-rules/



### **Scribbles and Ink**

Based on the popular book series by author and illustrator Ethan Long, Scribbles and Ink is a unique, new interactive game for children ages 4 to 8 that puts their creations straight into the animated series. The app provides the tools to draw objects that can then interact with the main characters Scribbles and Ink in different open-ended stories. Kids artwork can also be saved in a gallery for viewing any time.

https://www.pbs.org/parents/shows/scribbles-and-ink



### **Sesame Street**

Since 1969, children and adults alike have flocked to the place where multiethnic, multigenerational, and even multispecies residents coexist in harmony. The people on this very special street learn life's lessons together, provide viewers with strong role models, and teach children that everyone brings a special ability to the community. Here, children learn to use their imaginations, build social skills, and respect people's differences. <a href="https://florida.pbslearningmedia.org/collection/sesame\_street/">https://florida.pbslearningmedia.org/collection/sesame\_street/</a>



### Sid the Science Kid

Sid the Science Kid is an educational animated series using comedy to promote exploration, discovery, and science readiness among preschoolers. The series features a practical in-school science curriculum and uses music and humor to celebrate children's natural curiosity about science in everyday life.

https://florida.pbslearningmedia.org/collection/sid-the-science-kid/



### **Splash and Bubbles**

Dive in and follow the adventures of Splash, a yellowback fusilier fish who has migrated all over the ocean before settling down in Reeftown! Together, Splash, Bubbles and their friends explore the world's undersea habitats, make new friends and learn about the many different ways life looks and lives in the ocean, celebrating the importance of diversity along the way. Splash and Bubbles encourages kids ages 4 to 7 to explore the natural undersea world. <a href="https://www.pbs.org/parents/shows/splash-and-bubbles/about/">https://www.pbs.org/parents/shows/splash-and-bubbles/about/</a>



### **Super Why**

Super Why to the rescue! Welcome to Super Why, a breakthrough preschool series designed to help kids ages 3 to 6 with the critical skills that they need to learn to read. Super why and friends use their super powers such as "word power," to change the story and save the day. The Super Why website is filled with interactive games to reinforce what is learned by watching the episodes; printable worksheets for teachers; and an abundance of resources for parents and teachers.

https://florida.pbslearningmedia.org/collection/super-why/



### **Work It Out Wombats**

"Work It Out Wombats!" is a new animated series for children ages 3 to 6. The series stars Malik, Zadie, and Zeke — three energetic and creative marsupial siblings who live with their grandmother in her treehouse apartment complex. The playful trio demonstrates computational thinking for preschoolers, a way of thinking that enables them to solve problems, express themselves, and accomplish tasks using the practices, processes and ideas at the core of computer science.

https://florida.pbslearningmedia.org/collection/work-it-out-wombats/

### **Arthur**



"Arthur" is an animated series aimed at children ages 4 to 8, starring 8-year-old aardvark Arthur and his family and friends. Watch them creatively solve problems, learn to get along, and appreciate each other's differences! Additionally, "Arthur" encourages a love of reading and libraries for all children. Based on the popular book series by Marc Brown, "Arthur" has been a family favorite to watch together for over 20 years.

https://florida.pbslearningmedia.org/collection/arthur/

### Cyberchase



Cyberchase features three diverse kids, known as The CyberSquad, who use brain power and problem solving skills to outwit and outsmart the villain Hacker in their quest to save Cyberspace. Along the way, the CyberSquad persevere over challenges to show how math is everywhere and everyone can be good at it! <a href="https://florida.pbslearningmedia.org/collection/cyb/">https://florida.pbslearningmedia.org/collection/cyb/</a>

### Fetch!



Fetch! demonstrates through the shows and website that reality programs can help kids learn how to tackle problems, overcome fears, brainstorm, and collaborate. Reality programs allow viewers to see that real expertise often takes time to develop and that learning is about the journey, not the destination.

https://florida.pbslearningmedia.org/collection/fetch/

### **Team Hamster!**



Play games and activities with Ruff Ruffman's sidekicks, the Hamsters! Resources can be found in English and Spanish and extend the learning from Ruff Ruffman's science lessons. <a href="https://pbskids.org/ruff/">https://pbskids.org/ruff/</a>

### **Hero Elementary**



Hero Elementary is a school for budding superheroes, where kids learn to master their innate powers, like flying and teleportation, while exploring science along the way. When their imperfect powers aren't up to the task, they look to their other powers — the superpowers of science — to help them investigate, observe, make predictions and figure out a solution. The series aims to give children ages 4 to 7 the tools to solve problems by thinking and acting like scientists to ignite their natural curiosity and empathy.

https://florida.pbslearningmedia.org/collection/hero-elementary/

### **Martha Speaks**



Martha Speaks is designed to help kids understand what words mean when they hear them. Martha Speaks is designed to teach up to 20 words in each show, and how better to get kids excited about learning and trying out new words than with a talking dog, who just can't stop talking? Martha Speaks also has an amazing Reading Buddies Program and a Read Aloud Bookclub that you can start in your own classroom.

https://florida.pbslearningmedia.org/collection/ready-to-learn/show/martha-speaks/

### **Molly of Denali**



Join Molly, an Alaska Native girl, her dog Suki, and friends Tooey and Trini on their adventures in epically beautiful Alaska. Along the way, Molly's life is enhanced, kept on track, and flat-out saved by maps, guide books, websites, weather reports, and more. Molly of Denali is designed to help kids ages 4-8 develop knowledge and skills for interacting with informational texts through video content, interactive games, and real-world activities.

https://florida.pbslearningmedia.org/collection/molly-of-denali/

### **Odd Squad**



If there's a fire, call the fire department. A robbery? Call the police. But if you find that your dog has been doubled, or that you are somehow caught in a weird time loop — that's when you call Odd Squad. It's a high-tech agency run by kids. Odd Squad emphasizes problem solving, teamwork and perseverance in every strange and hilarious new assignment the agents tackle. Agents use effective mathematical practices and critical mathematics concepts and skills to ultimately solve each case. In other words: Odd is the problem, math is the solution.

(2nd-5th)

https://florida.pbslearningmedia.org/collection/odd-squad/





Oh Noah! is designed to teach Spanish to children ages six to eight through animated videos with embedded games that help build vocabulary. In each video, a misunderstanding launches a comic misadventure. Kids learn language better when they can put it into meaningful context. Although—like Noah—they may not understand all the Spanish dialogue, kids can comprehend the story told through rich visual storytelling, much like a silent movie.

https://florida.pbslearningmedia.org/collection/oh-noah/

### **Plum Landing**



Teach science in the great outdoors with PLUM LANDING! This environmental education project from WGBH makes it easy to bring active science learning to elementary school students and their families. The resources—aligned with the Next Generation Science Standards— invite kids to virtually visit ecosystems around the world and then head outdoors to investigate nature in their own neighborhoods, developing both content knowledge and science process skills.

https://florida.pbslearningmedia.org/collection/plumlanding/

### Ready Jet Go!



Ready Jet Go! is a kid's first introduction to space, earth science, and technology, presented in an entertaining and engaging way that will inspire a life-long interest. Kids ages 3 to 8 will be learning alongside a seasoned space traveler. As an alien from Borton, Jet sees our Planet Earth like we want our kids to see it: with a sense of curiosity and wonder. (2nd-5th)

https://florida.pbslearningmedia.org/collection/ready-jet-go/

### **Wild Kratts**



Join the adventures of Chris and Martin Kratt as they encounter incredible wild animals, combining science education with fun and adventure, while traveling to animal habitats around the globe. Animals can take you anywhere in science. This series now takes the natural appeal of animals and harnesses it towards the goal of teaching science concepts to children ages 6 to 8.

https://florida.pbslearningmedia.org/collection/wild-kratts/

### **Word Girl**



The goal of Word Girl is to expand kids' vocabulary not through rote learning but through exposing 6 to 8 year olds to new words in a context they find fun and inviting – a superhero comedy. While learning vocabulary is an important element of the show, Word Girl isn't lesson-driven. It's story and humor-driven. We'll poke fun at the typical conventions of superhero shows: absurd situations of peril, cliffhanger endings, and a monkey sidekick named Captain Huggy Face. Kids come for the laughs, but they leave knowing a few more words. <a href="https://florida.pbslearningmedia.org/collection/wordgirl/">https://florida.pbslearningmedia.org/collection/wordgirl/</a>

### Xavier Riddle and the Secret Museum



Xavier Riddle and the Secret Museum follows the adventures of Xavier, Yadina, and Brad as they tackle everyday problems by doing something extraordinary: traveling back in time to learn from real-life inspirational figures when they were kids. Xavier Riddle empowers children to dream big and recognize their ability to make a real and meaningful difference in the world. Focusing on building good character and social studies. (2nd-5th)

https://florida.pbslearningmedia.org/collection/xavier-riddle-and-the-secret-museum/

# **AASTERPIECE**

# **Educational Materials**Middle and High School

### Masterpiece

For more than 40 years, Masterpiece has been known for high-quality adaptations of classics, mysteries and contemporary literature. Browse more than 50 teacher's guides that can help you enhance your teaching by using Masterpiece films in the classroom. This collection is a treasure trove of videos from Masterpiece films, supported by essays and teaching tips. Watching these pivotal moments from award-winning shows also helps students appreciate the power of film dramatization—and the importance of becoming a critical media consumer. <a href="https://florida.pbslearningmedia.org/collection/mpc/">https://florida.pbslearningmedia.org/collection/mpc/</a>



### Mission U.S.

Mission US engages young people in the study of transformational moments in American history. Each mission consists of an interactive narrative game and curriculum materials aligned to national standards. The games immerse players in rich, historical seeings and empower them to make choices that illuminate how ordinary people experienced the past.

https://florida.pbslearningmedia.org/collection/mission-us.ss/



### **Nature**

This collection of science videos and media-enhanced lesson plans draws upon the powerful documentaries of public television's award-winning natural history series, Nature. The video segments have been carefully selected to engage students with key curriculum concepts. The lesson plans incorporate hands-on activities, online resources, and video to interactively and creatively address topics and standards in Life Science/Living Environment and Earth Science. <a href="https://florida.pbslearningmedia.org/collection/nat/">https://florida.pbslearningmedia.org/collection/nat/</a>



### **NOVA**

The NOVA collection on PBS LearningMedia contains over 1500 resources from NOVA's broadcast and digital productions that educators can use in their lessons to spark and enrich student knowledge of STEM (Science Technology Engineering Mathematics). All the resources are organized by Next Generation Science Standards in the left column.NOVA's resources are primarily designed for use in middle and high school STEM classrooms.

https://florida.pbslearningmedia.org/collection/nova/

# **Educational Materials**Middle and High School

# SciGirls

# Misu ECOLOGY BLOG

### **SciGirls**

SciGirls has the bold goal of changing how millions of girls think about science, technology, engineering and math—or STEM. 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. <a href="https://florida.pbslearningmedia.org/collection/scigirls/">https://florida.pbslearningmedia.org/collection/scigirls/</a>

### **WFSU Ecology Blog**

The WFSU Ecology blog, written by Rob Diaz de Villegas, shares the scientific research conducted here in North Florida and South Georgia, and breaks down concepts to make it simple and easy to understand. The goal of the WFSU Ecology Blog has always been to share as much of our natural areas as we can; from down in the aquifer to our fire dependent upland forests to our many wetland areas, from the remotest wild lands to our own yards. We meet the many plants and animals that make this area a biodiversity hotspot; and we explore their relationships to each other, and to the land and water beneath them.

https://blog.wfsu.org/blog-coastal-health/

### **BizKids**



Biz Kid\$ is a national financial literacy initiative based on the Emmy Award-winning public television series where kids teach kids about money and business. Created by the producers of Bill Nye the Science Guy, the series has been in continuous play via PBS and national syndication since 2008. Its 71 episodes reach more than one million viewers around the world. Using a clever blend of entertainment and education, each episode shows kids how to make and manage money by introducing concepts of financial literacy and entrepreneurship via stories of real-life young entrepreneurs, sketch comedy, and money tips delivered by dynamic young hosts.

<a href="https://bizkids.com/">https://bizkids.com/</a>

26

### **WFSU Local Partners**





### Big Brothers & Big Sisters of the Big Bend

565 E Tennessee St Tallahassee, FL 32308 http://www.bigbendmen toring.org



### Challenger Learning Center

200 S Duval St Tallahassee, FL 32301 https://www.challengertlh. com



### Community Classroom Consortium

Tallahassee, FL communityclassroominfo @gmail.com



### Early Learning Coalition of the Big Bend

2639 North Monroe Street, Building C-300 Tallahassee, FL 32303 outreach@elcbigbend.org



### **Early Learning Leon**

Bldg #1, 500 Appleyard Drive Tallahassee, FL 32304 https://www.leonschools. net/domain/9504



### Flagler College

https://www.flagler.edu/ flagler-collegetallahassee/



### Florida Afterschool

1211 Governors Square Blvd Suite 200 Tallahassee, FL 32301 https://flafterschool.com



### Florida Afterschool Alliance

1101 14th St NW Suite 700 Washington, D.C. 20005 http://www.afterschoolalliance.org/



### Florida Association for the Education of Young Children

3551 S Blair Stone Rd Suite 105-133 Tallahassee, FL 32301 https://www.flaeyc.org



### Florida Center for Interactive Media

010 Levy Ave #217 Tallahassee, FL 32306 https://fcim.org/#



### Florida Center for Reading Research-The Village

2010 Levy Avenue, Suite 100 Tallahassee, FL 32310 https://fcrr.org/village



### Florida Grade Level Reading

1126-B Lee Avenue Tallahassee, FL 32303 https://floridaglr.net



### Florida Public Media

P.O. Box 1691 St. Petersburg, FL 33731-1691 http://www.floridapublic media.org/contact/



### **Greater Tallahassee Chamber of Commerce**

300 East Park Avenue Tallahassee, FL 32301 https://www.talchamber .com



### Holocaust Education Resource Council

P. O Box 16282 Tallahassee, FL 32317 https://holocaustresources. org



### Jumpstart Read for the Record

T308 Congress Street, 6th Floor Boston, MA 02210 617.542.5867 https://www.jstart.org/about /contact/



### Junior League of Tallahassee

404 E 6th Ave Tallahassee, FL 32303 https://tallahassee.jl.org



### Leon County Public Library System

200 W Park Ave.
Tallahassee, FL 32301
<a href="https://cms.leoncountyfl.gov/library">https://cms.leoncountyfl.gov/library</a>



### **Leon County Schools**

2757 West Pensacola Street Tallahassee, FL 32304 https://www.leonschools.ne t/



### **Tallahassee Museum**

3945 Museum Drive Tallahassee, FL 32310 https://tallahasseemuseum. org/



### Tallahassee Community College

T444 Appleyard Drive Tallahassee, FL 32304 https://www.tcc.fl.edu/



### **The Grove Museum**

902 N. Monroe., Tallahassee, FL 32303 https://thegrovemuseum.co m/



### **PACE Center for Girls**

311 East Jennings Street Tallahassee, FL 32301 https://www.pacecenter.or g/locations/florida/leon



### **Whole Child Leon**

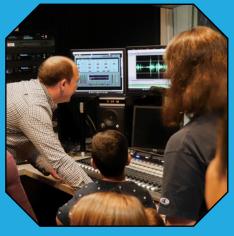
1126 Lee Avenue, Tallahassee Florida 32303 https://wholechildleon.org ∠



### **Future Partner**

Would you like your business to be the next partner of WFSU? Please reach out to wfsueducation@gmail.com to learn how you can get involved with WFSU Education













# Join the WFSU Learning Neighborhood

1600 Red Barber Plaza
Tallahassee, FL 32310
850-645-6062 | 850-645-7200
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