



Life-long Learning Begins Here

GPB Education

GPB provides unique, no-cost digital resources and training for all Georgia educators and students.

Georgia Home Classroom

GPB and the Georgia Department of Education (GaDOE) offer broadcast programming and accompanying digital resources aligned to GA state standards.

GPB Education YouTube

Many of the videos from our resources are available as playlists.

PBS LearningMedia

PBS LearningMedia offers a searchable repository of digital collections (150K+) based on PBS shows. All resources can be streamed, shared, saved, and curated for an efficient and engaging instructional experience.

Earth Science Resources for Grades 6-12

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GPB EDUCATION

LIVE EXPLORATIONS

<https://www.gpb.org/education/liveexplorations/rockets> (Rocket Launch)

Take your students on rich and immersive learning experiences without ever leaving the walls of your classroom.

THINGS EXPLAINED

<https://youtu.be/KzLWZhTkmJU> (Solar Eclipse)

Tackles all kinds of questions with short, easy-to-understand videos that include vocabulary, experiments, and real-world examples right here in Georgia.

FAST FORWARD STEAM

<https://www.gpb.org/fast-forward/episode/the-weather-channel> (Weather)

Statewide career series with discussion questions and extension activities.

PBS LEARNINGMEDIA

MIT's SCIENCE OUT LOUD (6-12)

<https://gpb.pbslearningmedia.org/collection/mits-science-out-loud/>

MIT takes traditional concepts taught in secondary science, engineering, and math classes and put them in a context completely outside the classroom.

#ASKMIT (6-12)

<https://gpb.pbslearningmedia.org/collection/askmit/>

MIT roboticists, chemists, rocket scientists, and geneticists answer student-submitted science, technology, engineering, or math topic.

IT'S OKAY TO BE SMART (6-12)

<https://gpb.pbslearningmedia.org/collection/its-okay-to-be-smart/>

From physics and astronomy, to biology and neuroscience, nothing is off-limits in this quirky and creative exploration of all science has to offer.

CRASH COURSE (9-12)

<https://gpb.pbslearningmedia.org/collection/crash-course/>

These quick-paced, imaginative videos inspire and engage learners of all ages.

SCIENCE-U (6-8)

<https://gpb.pbslearningmedia.org/collection/science-u/>

Resources to educate and inspire students, encourage critical thinking, and prepare them to become responsible, skilled and caring citizens.

UNC-TV SCIENCE (6-12)

<https://gpb.pbslearningmedia.org/collection/unctv-science/>

Open educational resources (OERs) and lesson plans that students can perform at home with interactive components and hands-on projects and experiments.

SEASONAL SCIENCE

<https://gpb.pbslearningmedia.org/collection/seasonal-science/>

With every season comes change - from weather, to human behavior, to critter habits - and Seasonal Science helps reveal the science behind it all.

CLUE INTO CLIMATE (6-12)

<https://gpb.pbslearningmedia.org/collection/clue-into-climate-collection/>

This collection explores the causes of climate change, its impacts on freshwater and ecosystems, and strategies for curbing and adapting to climate change.

BRINGING THE UNIVERSE TO AMERICA'S CLASSROOMS (6-12)

<https://gpb.pbslearningmedia.org/collection/universe-k-2/>

Animated and live-action videos of characters and children engaging in the science practices, plus images, videos from NASA, and interactive games.

NASA PLANETARY SCIENCES (6-12)

<https://gpb.pbslearningmedia.org/collection/npls/>

In these videos and interactives, explore the exciting discoveries from NASA missions about the planets, moons, and other objects in our solar system.

NOVA (6-12)

<https://gpb.pbslearningmedia.org/collection/nova/>

More than 1500 resources exploring the latest breakthroughs in technology and the deepest mysteries of the natural world to spark and enrich STEM knowledge.

NOVA: DECODING THE WEATHER MACHINE (6-12)

<https://gpb.pbslearningmedia.org/collection/nova-decoding-the-weather-machine>

Examines evidence that our climate is changing and that human activity is the cause and how climate change will affect us through the weather we experience.

NOVA: MAKING NORTH AMERICA (6-12)

<https://gpb.pbslearningmedia.org/collection/nvmn/>

An epic road trip through deep time to witness the clash of nature's creative and destructive forces that have shaped our land.

SPACE TIME (6-12)

<https://gpb.pbslearningmedia.org/collection/pbs-space-time/>

Join Matt O'Dowd on a journey through the deepest, darkest, coolest corners of the universe. Math, physics, and astronomy can't get much bigger than this!