

EDUCATOR RESOURCE GUIDE





BOOK YOUR ADVENTURE IN 2 EASY STEPS

1.

VISIT www.putnam.org/field-trips-to-the-putnam/ for resources, guidelines, movie details, and forms

2.

FILL OUT and submit the reservation form at www.putnam.org/field-trip-reservation-form/

OR contact the Education Programs Administrator at 563-336-7290 with three possible dates in mind

Note: Your reservation is not confirmed until you have recieved a confirmation number. If you have questions, please email education@putnam.org.

Student Pricing *(per student. Programs require a minimum of 25 students.)*

*One complimentary teacher/chaperone per 10 students is required.
Additional chaperones will need to pay Additional Group Adult pricing.*

If you are a Special Needs teacher, please contact us so we can accommodate you.

General Admission.....	\$ 6.00
General Admission & Program.....	\$ 9.50
General Admission & Film.....	\$ 11.00
General Admission, Program, & Film...	\$ 14.50

Additional Group Adult Pricing *(for adults beyond the required 1:10 adult to student ratio)*

Extra chaperones must identify the school they are with to receive the Additional Group Adult price.

General Admission.....	\$ 10.00
General Admission & Film.....	\$ 15.00
Film Only.....	\$ 9.00

Did You Know?

There's funding assistance available for your field trip!

*The subsidized rate is based on your free/reduced rate lunch percentages.
Please have this rate ready when you contact the Putnam.*

Need a Ride?

Apply for a bus grant through Silos & Smokestacks:
www.silosandsmokestacks.org/educate/field-trip-program/
OR ask about our Museum and Outreach Programs when you book your reservation.

The Putnam Museum and Science Center thanks the following groups for providing field trip funding assistance to our school groups:

*Arconic Foundation
Doris & Victor Day Foundation, Inc.
Kim Findlay Education Access Fund
Rauch Family Foundation I
Rock Island Community Foundation*



CURRICULUM STANDARDS AND YOU

Our Education Department approaches curricula through an engaging lens. We cater to all learning styles and adhere to national and state standards, both for Iowa and Illinois.

We strive to assist and support our community teachers, parents, and school administration with the task of helping students meet and exceed key curriculum benchmarks.

Partner with the Putnam Museum to access tools to enhance the learning of your students. As an area leader in non-formal education, the Putnam in-museum programs encourage hands-on experiences, utilization of technology, student-centered learning, and an overall dynamic experience!

***Note:** Program costs are \$3.50 per student and may be adapted to other ages. Please ask when you book your trip.*

Outreach travel fee is 85 cents per mile. For scheduling outreach programs, contact our Education Specialist Lakin Sheeder at LSheeder@putnam.org or call (563) 336-7298.



Museum Programs

IMPORTANT: Average length of a program is 45 minutes with a capacity of 25 students per program.

For group visits over 25 people, please contact our Education Programs Administrator at education@putnam.org or call (563) 336-7290.

INNOVATIONS OF ENGINEERING | K - Grade 8

Engineers work together to solve the major challenges of our time and shape the world of today and tomorrow. Introduce your students to the engineering design process using design challenges that promote teamwork, critical thinking, creativity, and problem solving. What problems in our world will your students help to solve?

Exhibit Connection: Science Center

Theater Connection: Dream Big (Vault)

Standards Connection: Next Generation Science Standards 2-PS1-2, 2-PS1-3, 3-PS2-1, 3-PS2-2, 3-5-ETS1-1, 3-5-ETS1-2, 3-5-ETS1-3, MS-ETS1-1, MS-ETS1-2, MS-ETS1-3, MS-ETS1-4

Iowa Standards SS.3.1-5, SS.4.1-4, SS.5.1-5, SS.6-8.1-10

Illinois Standards SS.3-5.IS.1-8, SS.6-8.IS.1-7

Science aLIVE! | Grades 1 - 8

Put on your lab coats and break out the safety glasses! Join a Putnam Educator in discovering scientific laws and properties through exciting demonstrations. Your students are sure to get a bang out of this program!

Exhibit Connection: Science Center

Standards Connection: Next Generation Science Standards K-PS2, 1-PS4-1-2, 2-PS1, 3-PS2-1, 3-PS2-2, 4-PS3-1-4, 4-PS4-1, 4-PS4-3, 5-PS1-4, MS-PS1-1-2, MS-PS1-4-6, MS-PS2-1-2, MS-PS3-1-5

Iowa Standards SS.3.1-5, SS.4.1-4, SS.5.1-5, SS.6-8.1-10

Illinois Standards SS.3-5.IS.1-8, SS.6-8.IS.1-7

Ancient Egypt: Isis Neferit | Grades 3 - 5

A costumed interpreter makes a dramatic presentation on the life of this temple chantress. This peek at life in ancient Egypt also includes a demonstration of the mummification process and a journey to the Putnam's World Culture Gallery to discover ancient artifacts.

Exhibit Connection: Unearthing Ancient Egypt

Theater Connection: Mummies: Secrets of the Pharaohs 3D (Vault)

Standards Connection: Iowa Standards SS.3.1-5, SS.3.21-26, SS.4.1-4, SS.4.17-18, SS.4.20-24, SS.5.1-5, SS.5.19, SS.5.21-25

Illinois Standards SS.3-5.IS.1-8, SS.3.G.1-3, SS.3.H.1-3, SS.4.G.1-3, SS.4.H.1-2, SS.5.G.1-3, SS.5.H.1-3

Weather ROCKS | Grades 3 - 5

Get ready to twist, rumble, and be rained on! As students explore the earth's wonders of weather, they'll create their own tornadoes, and examine hurricanes and electrical storms. Classes will also take a look at how clouds are formed in a unique demonstration.

***Exhibit Connection:** Weather Gallery*

***Theater Connection:** Extreme Weather 3D*

***Standards Connection:** Next Generation Science Standards 3-ESS2-1, 3-ESS2-2, 3-ESS3-1, 5-ESS2-1*

Iowa Standards SS.3.1-5, SS.4.1-4, SS.5.1-5

Illinois Standards SS.3-5.IS.1-8

Every Drop Counts | Grades 3 - 5

Water is needed to produce everything we use today, but how much water do we really use? Can we reuse water? How does a water filter keep our water clean? What are some of the pollutants in our watershed and what can we do to help? Students learn to become aware of our local environment through these hands-on demonstrations of water activities.

***Exhibit Connection:** Black Earth | Big River and Water: Molecules in Motion*

***Theater Connection:** Dream Big (Vault)*

***Standards Connection:** Next Generation Science Standards 2-PS1-2, 2-PS1-3, 3-PS2-1, 3-PS2-2, 3-5-ETS1-1, 3-5-ETS1-2, 3-5-ETS1-3, MS-ETS1-1, MS-ETS1-2, MS-ETS1-3, MS-ETS1-4*

Iowa Standards SS.3.1-5, SS.4.1-4, SS.5.1-5, SS.6-8.1-10

Illinois Standards SS.3-5.IS.1-8, SS.6-8.IS.1-7

Progress on The Prairie | Grades 3 - 5

Journey back 3,000 years to hear about the discovery of corn from its tiny beginnings to today's 1,000-kernel ears. Students will also see a demonstration with a primitive tool that will help them understand the drastic changes and improvements in farming. From pre-colonial Native American methods to John Deere combines, your students will learn the a-MAIZE-ing connections between modern agriculture and its early roots!

***Exhibit Connection:** Common Ground: Our Voice, Our Stories and Black Earth / Big River*

***Standards Connection:** Iowa Standards SS.3.1-5, SS.3.12-13, SS.3.19-21, SS.3.22-26, SS.3.27-28, SS.4.1-4, SS.4.12, SS.4.17-18, SS.4.20-24, SS.4.25-26, SS.5.1-5, SS.5.19-20, SS.5.21, SS.5.24-25*

Illinois Standards SS.3-5.IS.1-8, SS.3.G.1-3, SS.3.H.1-3, SS.4.G.1-3, SS.4.H.1-2, SS.5.G.1-3, SS.5.H.1-3





Circuits | Grades 3 - 5

Simplicity is key when it comes to making electricity. Let us help teach your students in an electrifying class all about how simple circuits work. Together we'll explore batteries, LEDs, and more.

Exhibit Connection: *Science Center*

Standards Connection: *Next Generation Science Standards 4-PS3-2, 4-PS3-4*

Iowa Standards SS.3.1-5, SS.4.1-4, SS.5.1-5

Illinois Standards SS.3-5.IS.1-8

The Case of The Talking Skulls | Grades 3 - 8

Animal skulls are great tools for teaching students about the diversity of wildlife and the special role each animal plays in its natural habitat. Your students will learn to read the clues that skulls provide by participating in these lively hands-on lessons: Predator or prey? Herbivore, carnivore, or omnivore? Nocturnal or diurnal? This rich program is full of discovery!

Exhibit Connection: *Hall of Mammals and Black Earth | Big River*

Theater Connection: *Titans of the Ice Age 3D, Wild Africa 3D*

Standards Connection: *Next Generation Science Standards 3-LS1-1, 3-LS4-1, MS-LS2-2, MS-LS4-1-2, MS-ESS1-4*

Iowa Standards: SS.3.1-5, SS.4.1-4, SS.5.1-5, SS.6-8.1-10

Illinois Standards: SS.3-5.IS.1-8, SS.6-8.IS.1-7

Our Changing Planet | Grades 3 - 8

Why does our planet look the way it does? Discover what Earth looked like millions of years ago and the forces working constantly to change our planet. They are rarely seen or felt, but can sometimes make themselves known in explosive ways! In this program, students learn all about the tectonic plates built into Earth's crust and how they cause earthquakes, tsunamis, and volcanoes on the surface.

Exhibit Connection: *Space Gallery*

Theater Connection: *Volcanoes 3D*

Standards Connection: *Next Generation Science Standards: 3-LS4-4, 4-ESS1-1, 4-ESS2-2, 4-ESS3-2, MS-PS2-1, MS-ESS1-4, MESS2-2, MS-ESS2-3, MS-ESS2-1, MS-ESS3-1*

Iowa Standards: SS.3.1-5, SS.4.1-4, SS.5.1-5, SS.6-8.1-10

Illinois Standards: SS.3-5.IS.1-8, SS.6-8.IS.1-7

Stranger in a Strange Land | Grades 3 - 8

This immersive experience transports your students to Ellis Island in the early 1900s. Students will be engaged in a role-play interrogation as they attempt to gain entry into the United States. This presentation includes actual stories of immigrants and their journeys to this region. A pre-visit ship's manifest activity enhances your students' involvement.

Exhibit Connection: *Common Ground; Our Voice, Our Stories*

Standards Connection: *Iowa Standards SS.3.1-5, SS.3.8-9, SS.3.16, SS.3.19-21, SS.3.28, SS.4.1-4, SS.4.7, SS.4.20-21, SS.5.1-5, SS.5.19-25, SS.6.8.1-6, SS.6.13-14, SS.6.18, SS.6.22, SS.7.21, SS.7.23, SS.8.18 Illinois Standards SS.3-5.IS.1-8, SS.6-8.IS.1-7, SS.G.2-3, SS.3.H.1-3, SS.4.H.1-2, SS.5.H.1-3, SS.6-8.H.1, SS.6-8.H.3, SS.6-8.H.4*

She Who Innovates; A Historical Walk Through the Contributions of Women in the Quad Cities | Grades 5 - 8

Discover the impact women have made in the Quad Cities through this guided tour of the Common Ground; Our Voice, Our Stories exhibit. A Putnam Educator will walk you through the exhibit, telling stories about some of the most influential women who have lived in the Quad Cities and surrounding area.

Exhibit Connection: *Common Ground; Our Voice, Our Stories*

Standards Connection: *Iowa Standards SS.5.1 - SS.5.6, SS.5.21-SS.5.25, SS.6.1 - SS.6.11, SS.6.21, SS.6.22, SS.7.1 - SS.7.11, SS.7.13, SS.7.14, SS.7.17, SS.7.25, SS.8.1 - SS.8.11, SS.8.13, SS.8.21 - SS.8.23 Illinois Standards SS.IS.1.3-5, SS.IS.4.3-5, SS.IS.6.3-5, SS.IS.7.3-5, SS.H.1.4, SS.H.1.5, SS.H.2.5, SS.IS.1.6-8, SS.IS.4.6-8 (LC, MdC, MC), SS.IS.6.6-8 (LC, MdC, MC), SS.IS.7.6-8, SS.H.1.6-8 (LC, MdC, MC), SS.H.2.6-8 (LC, MdC, MD), SS.H.3.6-8 (LC, MdC, MC), SS.H.4.6-8 (LC, MdC, MC)*

All Aboard the QC Express: A Ten-Stop Journey Through the History of the Quad Cities | Grades 5 - 8

The Quad Cities Area is home to some of the most important events and figures in American history. This ten-stop journey through our permanent exhibit, Common Ground; Our Voice, Our Stories, will tell participants about the area's earliest inhabitants, explain how the Quad Cities became an industrial giant, introduce you to some of history's most influential figures, and explain how Davenport is attempting to deal with historical flooding.

Exhibit Connection: *Common Ground; Our Voice, Our Stories*

Standards Connection: *Iowa Standards SS.5.1 - SS.5.6, SS.5.21-SS.5.25, SS.6.1 - SS.6.11, SS.6.21, SS.6.22, SS.7.1 - SS.7.11, SS.7.13, SS.7.14, SS.7.17, SS.7.25, SS.8.1 - SS.8.11, SS.8.13- SS.8.18, SS.8.21 - SS.8.24 Illinois Standards SS.IS.1.3-5, SS.IS.4.3-5, SS.IS.6.3-5, SS.IS.7.3-5, SS.H.1.4, SS.H.1.5, SS.H.2.5, SS.IS.1.6-8, SS.IS.4.6-8 (LC, MdC, MC), SS.IS.6.6-8 (LC, MdC, MC), SS.IS.7.6-8, SS.H.1.6-8 (LC, MdC, MC), SS.H.2.6-8 (LC, MdC, MD), SS.H.3.6-8 (LC, MdC, MC), SS.H.4.6-8 (LC, MdC, MC)*

Visit our website for more program details!

www.putnam.org/education/



Museum and Exhibit Guide

Common Ground; Our Voice, Our Stories



Learn about the rich history of our region through this newly-updated look at the Quad Cities! Many people have shaped our unique community with contributions from business and industry to cultural and civic organizations. Listen to the voices of local leaders and leave your mark on the exhibit through our engaging interactives.

Are you interested in sharing your personal experiences and stories related to the regional history? If so, we invite you to visit the Storytelling Booth in the exhibit. This unique installation aims to collect and showcase diverse stories from our community that may have never been told before. All you need to do is answer a few question prompts and record your story. Don't miss this opportunity to be a part of the rich tapestry of our regional history!

Want to do more with Common Ground?

Go to www.putnam.org/field-trips-to-the-putnam/ to download the full interactive curriculum.



Program available; go to putnam.org/education/ for more information.



Additional resources available.



Hands-on exhibit/program.



CHECK OUT THE DISCOVERY DOME

An Immersive Planetarium 🗨️ 📺 🖐️

The Discovery Dome is an airlock dome that simulates space-age technology and gives students an “out of this world” experience!

The viewer is presented with images and videos from a 360° projector in front, behind, above, and on both sides of their seat.

Shows cover a range of earth, space, and life science topics. They are entertaining, scientifically accurate, and educationally inspiring.

Three night-sky applications are included to display in the dome: Stellarium, Celestia, and the WorldWide Telescope. These are excellent applications for teaching astronomy, mythology (constellations), and other night sky lessons.

Note: The Discovery Dome will hold 35 students or 25 adults and is ADA accessible.





DIG INTO MORE AT THE PUTNAM

Unearthing Ancient Egypt



No trip is complete without visiting our most iconic gallery: The resting place of our two mummies.

Step into an ancient Egyptian tomb, where you will learn how people lived and what was required for a pleasant afterlife.

Visit an interactive station to explore the mummies inside and out through the magic of CT imagery. Find out how forensic anthropologists reconstruct facial features and more.





World Culture Gallery

The World Culture Gallery celebrates our diverse community and fosters understanding of ways of life across the globe and throughout time, including the growing international community in the Quad Cities region.

In this gallery and its permanent and rotating exhibits, students are exposed to artifacts and images from the Putnam's historic ethnographic collection and can find new relevance and context in our diverse community.

QC Innovators 🖐️

Find inspiration amongst these inventive, innovative and trail-blazing Quad Citizens.

This exhibit highlights the ingenuity of locals while incorporating many hands-on and interactive pieces to explore.



Black Earth | Big River ! 🇺🇸 🖐️

Explore wetlands, woodlands, prairies, and your own backyard!

In this exhibit, students will come face-to-face with live Mississippi River fish in our 718-gallon aquarium, discover how invasive species are threatening local ecosystems, and what they can do to preserve our watershed. See the area's natural habitats as you've never seen them before.

Hall of Mammals ! 📁

Explore the world of mammals from the familiar cottontail in your backyard to the strange ant-eating Pangolin of southeast Asia to the polar bears of the Arctic Circle!

Mammals are everywhere and come in all shapes and sizes. Students will learn how animals have adapted to survive under extreme conditions and the perils they face today.



Science Center ! 📁 ✋

When you visit the Putnam with your students, you'll see the power of hands-on learning in our over 10,000-square-foot Science Center!

Featuring 50 interactives, the Science Center gives students the opportunity to experience science, technology, engineering, and math in action. Students will also learn how these concepts connect to careers, how STEM makes the world a better place, and how THEY can be part of our STEM future.



Rotating Exhibits

The Putnam Museum and Science Center is always changing and growing. New and traveling exhibits rotate in and out of galleries throughout the year, with constantly evolving exhibits featuring specially selected items from our vast collection.

You can learn more about our current features at putnam.org/exhibits-and-galleries/



EXPERIENCE THE GIANT SCREEN THEATER

It's like visiting a six-story classroom when you enter our National Geographic GIANT Screen Theater.

In this premier theater environment, your students can experience beyond life-size and incredibly close-up views of the ocean, space, amazing animals, and even time-travel—right from their seats!

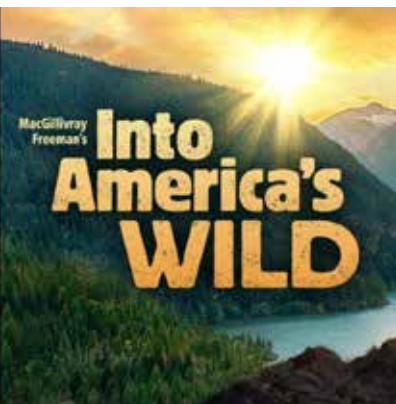
Our collection of 2D and 3D films is sure to inspire discussion, create connections, and bring learning to life! Most documentary films run approximately 40–50 minutes, with a limited amount of 20-minute films available for your group.

For movie showtimes, call (563) 336-7297.



Arctic: Our Frozen Planet

At the very top of the globe lies a spectacular, frozen realm. But don't be fooled by appearances. . .this place is not frozen in time. It's a dynamic ecosystem and for thousands of years, its indigenous people and wildlife have found ways to survive and live in harmony with these extremes. Embark on a breathtaking expedition across the seasons and three continents.



Into America's Wild 3D

Set out on an unforgettable cross-country adventure into the hidden wonders of the natural world! A non-stop ride via kayak, bike, train, hot air balloon, zipline, kiteboard, hiking boots and more, Into America's Wild 3D visits some of the most beautiful (and untamed!) landscapes of America. Viewers journey to the lush coastline of Oregon and the wilds of Alaska to the ancient canyons of the Southwest and the rolling hills of the Appalachian Trail.

Films From The Vault

Additional films may be selected from the GIANT Screen Digital Library for groups of 50 or more. Scheduling these films is based on availability of the theater. Additional film library offerings may include:

History

Mummies: Secrets of the Pharaohs 3D  
National Parks Adventure 3D
Jerusalem 2D
Museum Alive

Weather

Extreme Weather 3D 

Physical Science

Space: The New Frontier

STEM

Hidden Universe
Dream Big 3D

Natural Science

Dinosaurs Alive 3D
Elephants: Giants of the Desert
Flight of the Butterflies 3D 
Oceans: Our Blue Planet 3D
Back from the Brink 3D
Museum Alive
Superpower Dogs 3D
Volcanoes 3D 
Wild Rescue
Wild Africa 3D  
Titans of the Ice Age 
T. Rex 3D



Program available; go to www.putnam.org/education/ for more information



20 minute version available



PUTNAM!

You belong here!

1717 W. 12th Street | Davenport, IA 52804
563.324.1933 | www.putnam.org

Share your memories with us: @PutnamMuseum or #PutnamMuseum

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