

DISTANCE LEARNING

AT THE FORT WORTH MUSEUM OF SCIENCE AND HISTORY

Now, you and your students can connect and interact LIVE with the Museum's collections and team of experts without ever leaving your campus. Your students will explore science and mathematics with curators, staff and special guests through interactive videoconferencing. Our programs align with Texas Essential Knowledge and Skills and the Next Generation Science Standards and are customized to fit your grade level curricular needs.

POPULAR PROGRAM OPTIONS

Resolve to Dissolve



Dissolve liquids, solids and gases in this incredibly interactive program. Students experiment with different solutes and solvents and observe reactions while they actively collect and interpret information.

Eggs Everywhere



Learn about oviparous animals and their life cycles in a totally immersive program that will have your students observing, predicting and comparing.

Adaptation Exploration: Owls



Examine the form, functions and adaptive characteristics of owls. Your students will investigate owl pellets to learn about owls' diets.

All About Matter



Bubbles, eyedroppers, dry ice and liquid nitrogen are a part of an incredibly interactive program focusing on states and properties of matter.

Icy Science



Looking for a "chilling" experience with one of the oddest substances on the planet? Freeze some water, grab some salt and get involved in explorations that emphasize observation and questioning skills.

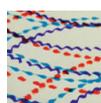
Geometric Transformations



Ready for a mind-bending, totally interactive approach to geometry? We'll build simple loops that, when cut along lines of symmetry, make surprising shapes.

Kits are available for all programs. A kit includes materials for interactive experiments for 30 students, a Teacher's Guide, extension activities and resources.

STEM in Action: Scribblebots



Scribblebots are motorized machines that move in chaotic ways, leaving artistic patterns behind. Student teams create these interactive robots that demonstrate electricity, force and motion concepts with a wildly creative outcome.

Investigations in Weathering, Erosion and Deposition



Your students will experience the processes of weathering, erosion and deposition as they use earth materials to gain a better understanding of earth science.

Bird's the Word: Battle of the Beaks



Birds are one of the easiest animals to view in our neighborhood or out in the wild. Through observation, we can investigate physical features, unique behaviors, and adaptation strategies that help birds to survive in the environment.

Watch for new programs!

Check out the latest offerings by visiting www.connect2texas.net. Choose **Search Programs** and select our museum as your provider. New programs are being developed throughout the year.

Connect2Texas



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FREQUENTLY ASKED QUESTIONS

What are the technology requirements?

There are many ways to connect to our distance learning programs. All connections are made via IP. We can connect to traditional videoconferencing equipment (Cisco/Tandberg, Polycom, LifeSize), desktops/computers and other mobile devices.

Don't have videoconferencing equipment on campus?

No problem-we have access to a desktop application called Zoom that is compatible and are happy to share with you at no additional cost. All you need is a computer, a projector/TV, an eyeball camera and speaker/microphone.

What are program fees?

Programs have a \$140 fee for a 50-minute class which includes a materials kits for 30 students.

How do I register?

Visit www.connect2texas.net. To find our museum, click the *Calendar of Programs and Register* button. Choose Fort Worth Museum of Science and History from the "Provider" pull down menu. You will find our complete listing of programs and times. **Please schedule at least three weeks in advance.**

What if the times on our calendar don't fit your schedule?

To request a special time for your program, call **817-255-9472** or email distancelearning@fwmsh.org. Our staff will need three weeks' notice to schedule the time of your choice. Please note: some programs cannot deviate from the online schedule.



What is the maximum group size?

Programs have been created for individual classroom interaction. Program maximum is 30 students per session.

How do I prepare students?

Look for an email after you register with information about how to prepare for your specific program.

Questions?

We welcome your calls and emails at **817-255-9472** or distancelearning@fwmsh.org.



Recognized by The Center for
Interactive Learning & Collaboration



FORT WORTH MUSEUM
SCIENCE AND HISTORY

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