



Library Exhibition

Facilitation Guide



We are Water Exhibition

The exhibition is designed for children, youth, adults, and multigenerational groups to learn, reflect, and have fun. Patrons can explore multilingual panels and play with interactive components to experience, learn, share, and talk about what water means to them.

We are Water Exhibition

The physical exhibition has main headings and subheadings written in English, Spanish, and Navajo languages. Patrons can access full Spanish and Navajo translations and narration online by scanning QR codes printed on each panel of the physical exhibition that routes them to the online version of the exhibition.

We are Water Exhibition

By visiting this exhibition, we hope that patrons will feel an increased connection to local water topics, stories, and concerns and develop a greater awareness of diverse scientific and cultural perspectives on local water topics In the Four Corners Region of the Southwestern U.S.

Individual Exhibition Pieces

Water and Our Communities

aka Story Wall



Water and Our Communities (aka Story Wall)

Touch the multimedia screens to select a story, play the Sounds of the Four Corners game, and learn how your views about water compare to people in the region. Patrons can listen to perspectives about water from community members who live in Arizona, Colorado, New Mexico, and Utah.

WE ARE WATER

We are Water
connecting communities

**TÓ DANIIDLĪ
SOMOS EL AGUA**

What does water mean to you? To your community? The Four Corners to home by desert, mountains, lakes, rivers, and meadows. It is also home to our communities. From rivers to lakes, to our communities, all life here depends on water.

In times with drought and some, we're grateful to have water to support us in every way we can. We worry about the lack of water and keeping it clean.

We all have stories of the quality of water. We've been enough to drink. To take our children and them to camp, to hike and hike for recreation? What about the environment?

Together we can make sure, water should be clean and good. It, we can and some people should be clean. Water should be good for all.

Join We are Water to explore the water we share, the water that sustains us. Learn about water issues in communities in the Four Corners. Add your voice to the future of water here.

What has water meant to you? What do you think the future of water will look like for your community and for others?

We honor and acknowledge the traditional territories and present-day communities of the Navajo, Hopi, Zuni, and Puebloan peoples. We honor the Navajo, Hopi, Zuni, and Puebloan peoples, their lands, and their water. We honor the Navajo, Hopi, Zuni, and Puebloan peoples, their lands, and their water. We honor the Navajo, Hopi, Zuni, and Puebloan peoples, their lands, and their water. We honor the Navajo, Hopi, Zuni, and Puebloan peoples, their lands, and their water.

WATER CONNECTS US

"In order to get water, we had to go down to the river with buckets and with milk canisters, and literally haul the water up out of the river..."
— Dennis Lopez (Alamosa, CO)

Share your water story!
Listen to stories from our communities, play a sound-matching game, learn more about water in our region and see how your water story matches up to the stories others have shared.

Ready to explore?
Tap anywhere on the screen to begin.

WATER CONNECTS US TO OUR ENVIRONMENT
TÓ 'IYISHI HANODIT'ÉI BEE DA'ANXIIINIITA'
EL AGUA NOS CONECTA CON EL MEDIOAMBIENTE

WATER CONNECTS US TO THE LAND AND TO ONE ANOTHER
TÓ 'IYISHI NIHI KEYAH DÓO T'ÁÁ 'ANIIT'É BEE DA'ANXIIINIITA'
EL AGUA NOS CONECTA CON LA TIERRA Y LOS UNOS CON LOS OTROS

WATER CONNECTS US TO OUR CULTURE AND SPIRITUALITY
TÓ 'IYISHI ÉÉ'Ī DÓO HODIYINGO BEE DA'ANXIIINIITA'
EL AGUA NOS CONECTA CON NUESTRA CULTURA Y ESPIRITUALIDAD

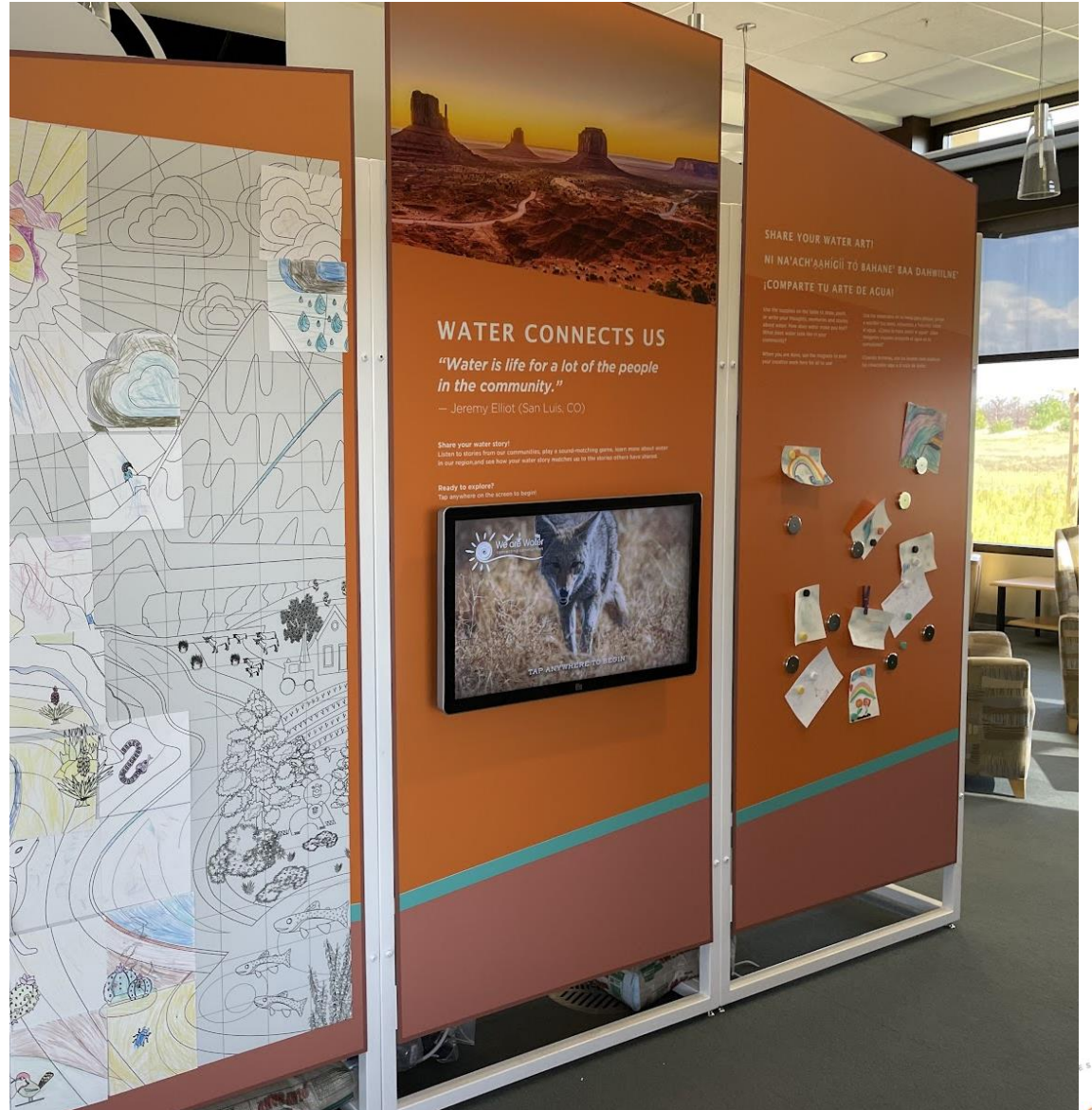
Tell us what you think about the exhibit!
You can see the exhibit in the box on your left. Or come to our exhibit at the Four Corners.

It's time to see photos and hear from our communities!
Please take a moment to see the exhibit in the box on your left. Or come to our exhibit at the Four Corners.



Water and Our Communities (aka Story Wall)

Patrons can also write on specially designed tags to answer questions like “What does water mean to you and your family?” and hang their thoughts on the exhibition to share with the larger community. The community art mosaic and art wall are perfect places for children and multigenerational groups to color tiles and contribute unique artwork that becomes a part of the exhibition experience.



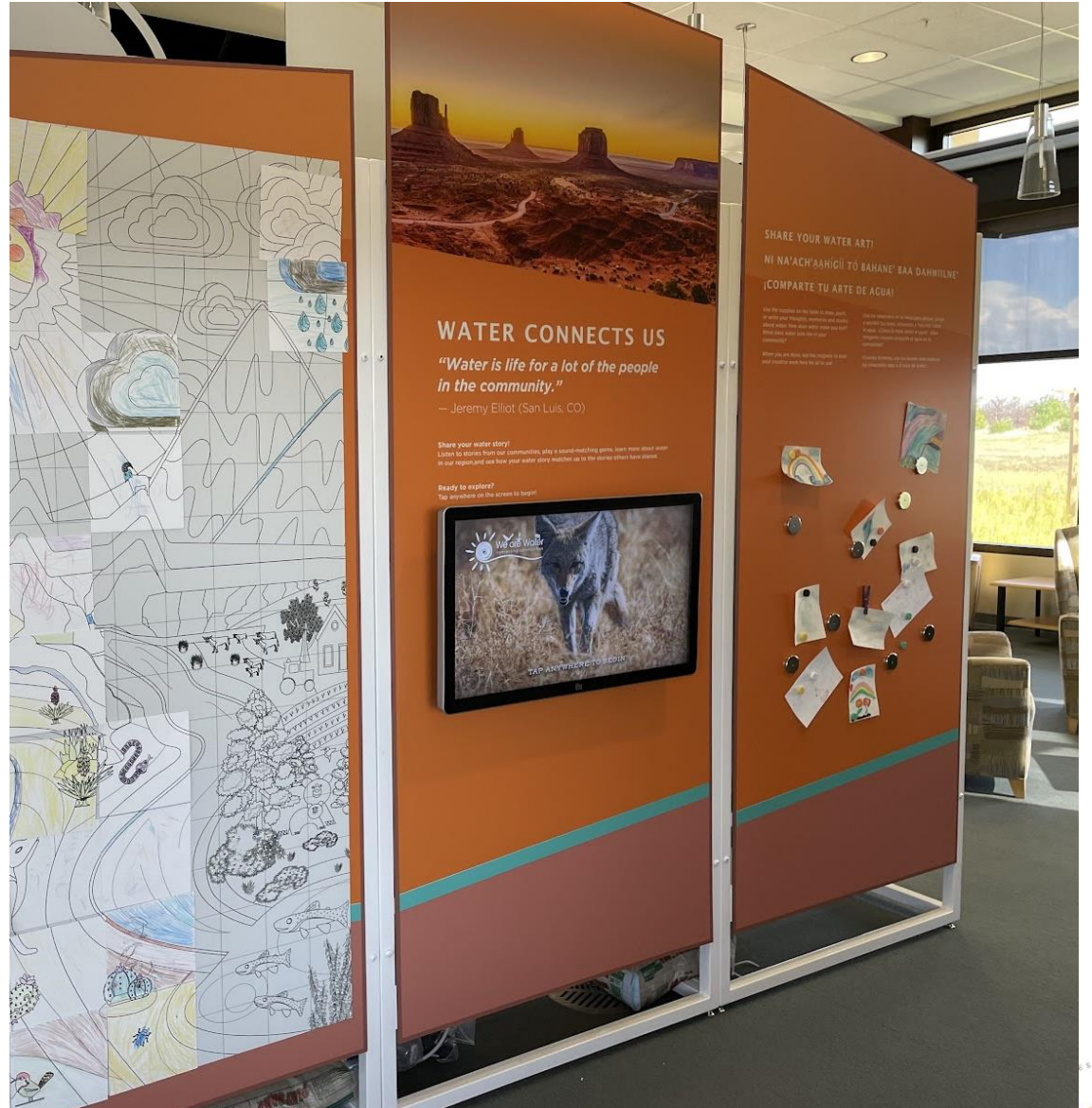
Water and Our Communities (aka Story Wall)

Facilitation Tips:

Water connects us to the land and to one another.

Ask patrons: What does water mean to you and your community?

Invite them to answer this question through drawings or written responses and encourage them to listen to the audio clips to hear different perspectives.



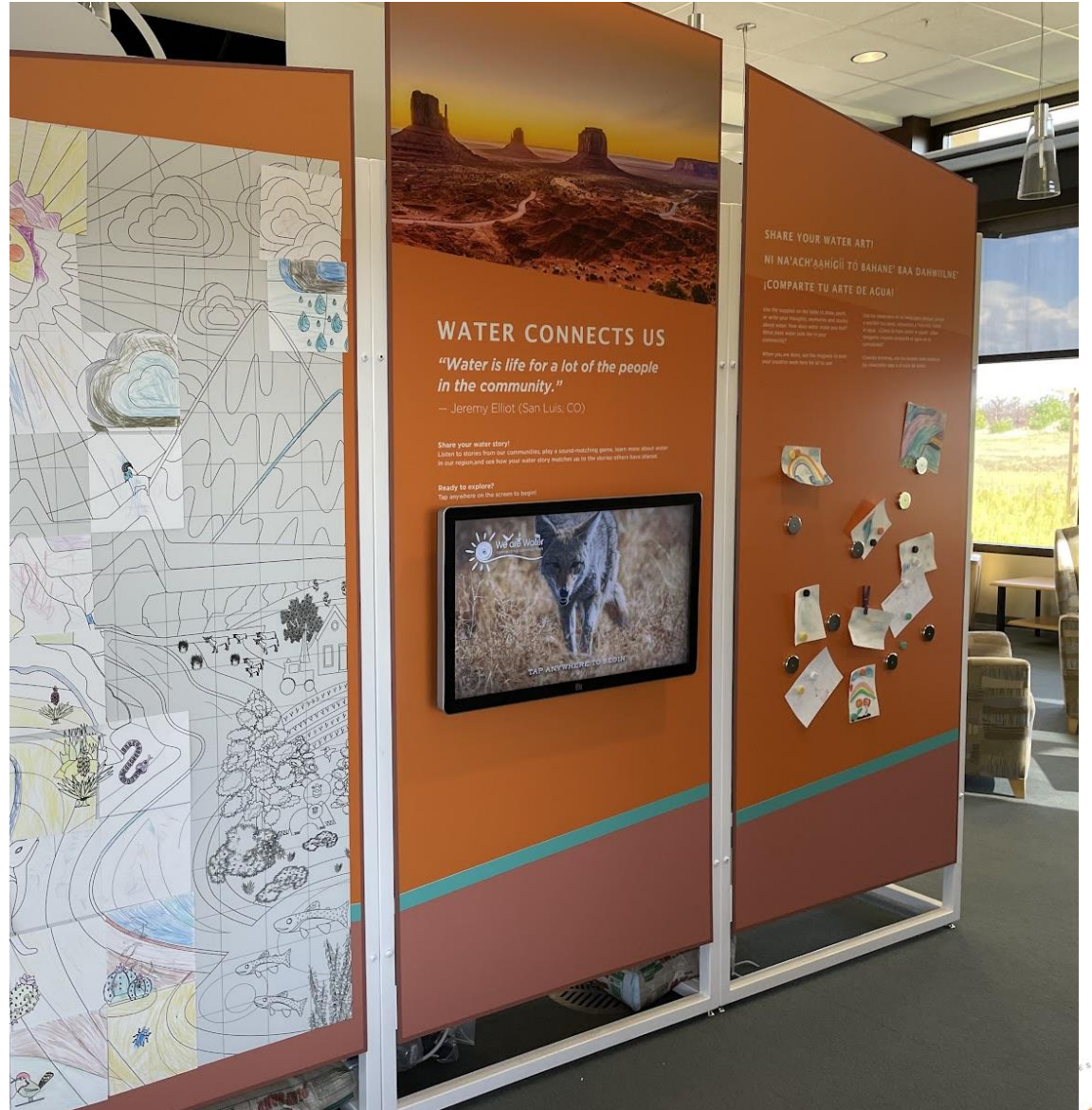
Water and Our Communities (aka Story Wall)

Facilitation Tips:

Invite patrons to submit their own photo, video, image, or written memory to be included in the traveling exhibition.

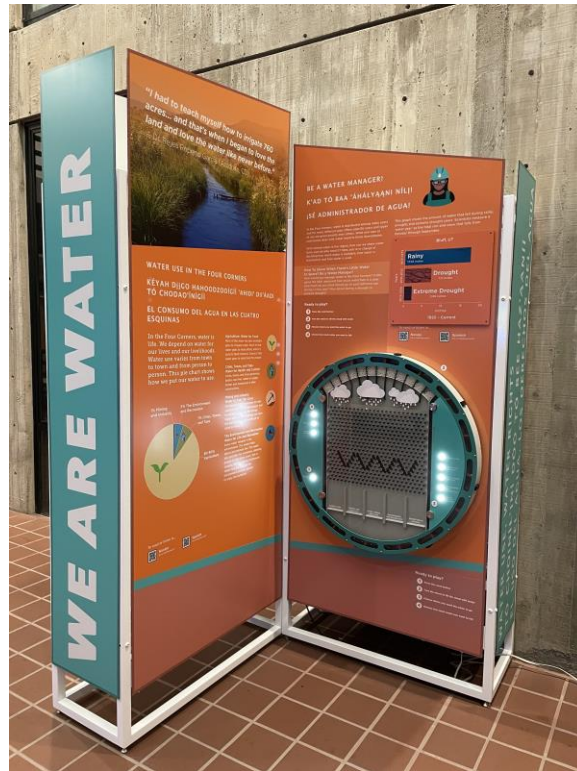
With each stop on the tour, the number of recordings available for patrons to hear will grow.

(A virtual consent form is included for permission)



Water Use, Water Rights, Water Access

aka Plinko



Water Use, Water Rights, Water Access (aka Plinko)

This piece uses an interactive Plinko game to demonstrate water allocation during rainy, drought, and extreme drought conditions. Patrons push a button to select the amount of rain, then select if they want it to go to agriculture, towns, mining, or nature. Release the rain and watch white balls rain down and flow into the selected categories.



Water Use, Water Rights, Water Access (aka Plinko)

Facilitation Tip:

Encourage patrons to try several different scenarios.

Where would they allocate water during rainy conditions? What about during extreme drought conditions?

WE ARE WATER

WATER USE IN THE FOUR CORNERS
KÉYAH DÍJGO HAHOODZOOIGÍI 'AHIDI' DII'ÁADI TÓ CHODAO'INIGÍI
EL CONSUMO DEL AGUA EN LAS CUATRO ESQUINAS

In the Four Corners, water is life. We depend on water for our lives and our livelihoods. Water use varies from town to town and from person to person. This pie chart shows how we put our water to use.

Agriculture: Water for Food
Most of the water we have available goes to irrigate crops. Much of that water goes to raise cattle, which is used to feed livestock. Some of that water goes to raise food for people.

Cities, Towns, and Towns
Water for Health and Comfort
Cities, towns, and local governing bodies use their water to supply homes and businesses in their communities.

Mining and Industry: Water to Fuel Our Lives
Our water resources are also used for mining and energy. In addition, the water we use to generate electricity is used to create the energy that we need to power our lives.

The Environment and Recreation: Water for Life and Recreation
Some water remains in the environment. This water helps plants and animals live. This water also provides for recreation, allowing people to enjoy the outdoors.

1% Mining and Industry
5% The Environment and Recreation
7% Cities, Towns, and Towns
80-90% Agriculture

To read or listen in:
Navajo Spanish

BE A WATER MANAGER!
K'AD TÓ BAA 'AHÁLYAANI NÍLJ!
¡SÉ ADMINISTRADOR DE AGUA!

In the Four Corners, water is distributed among many users and for many different uses. Other, specific users and types of use are given priority over others. What one user or community does with water impacts those downstream.

With limited water in the region, how can we share water fairly with all who need it? Here, you're in charge of deciding how much water is available, how water is distributed, and how water is used.

How To Share When There's Little Water!
How would you manage water in the Four Corners? In this game, the balls represent how much water falls for a year. How much do you think should go to each different use during a rainy year? How about during a drought or extreme drought?

Ready to play?
1 Press the reset button.
2 Turn the wheel to fill the cloud with water.
3 Choose where you want the water to go.
4 Choose how much water you want to fall.

Bluff, UT
Rainy 17.02 inches
Drought 7.2 inches
Extreme Drought 2.08 inches
1922 - Current

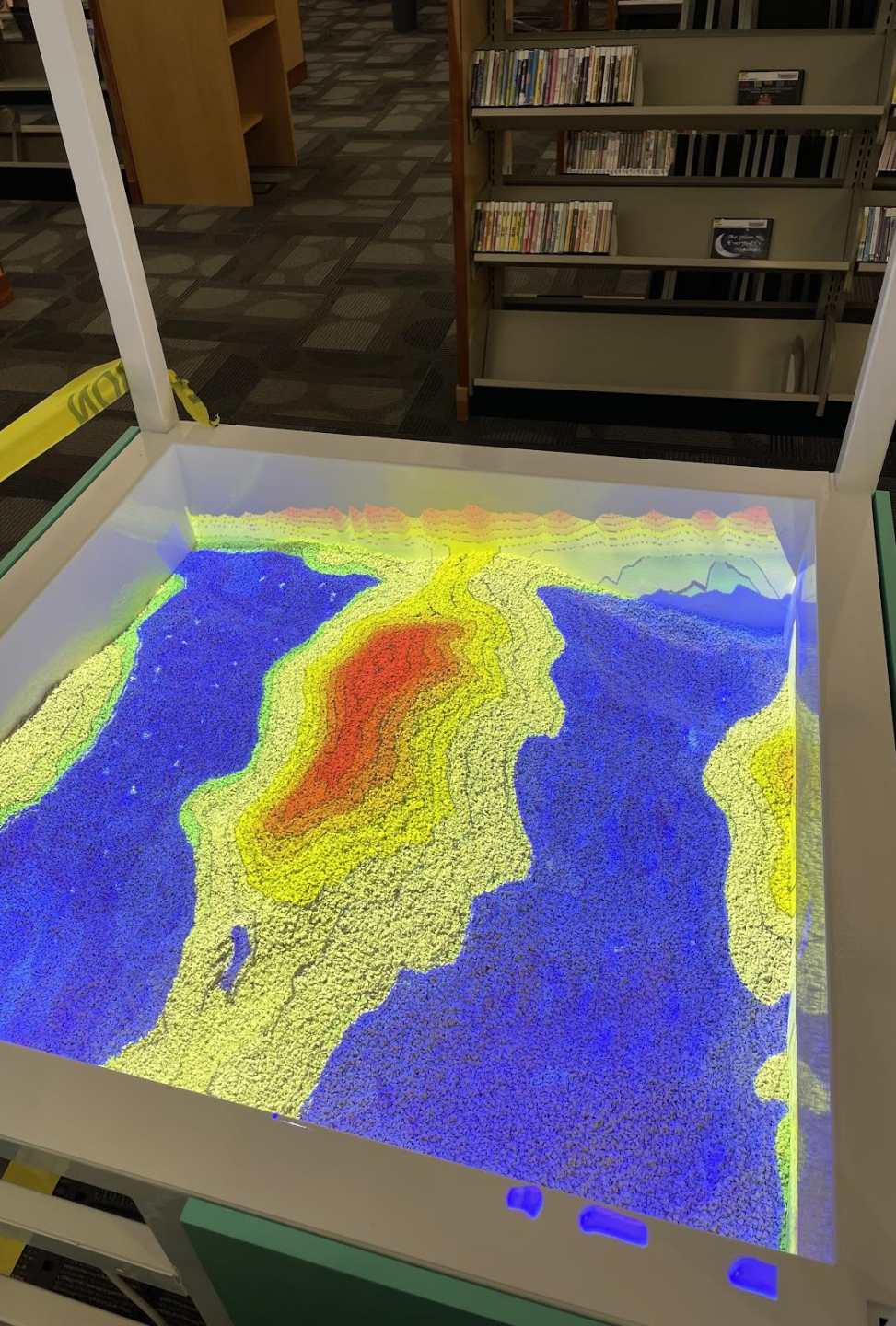
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WE ARE WATER RIGHTS
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WE ARE WATER

CONNECTING COMMUNITIES • CONNECTING COMMUNITIES
We are Water

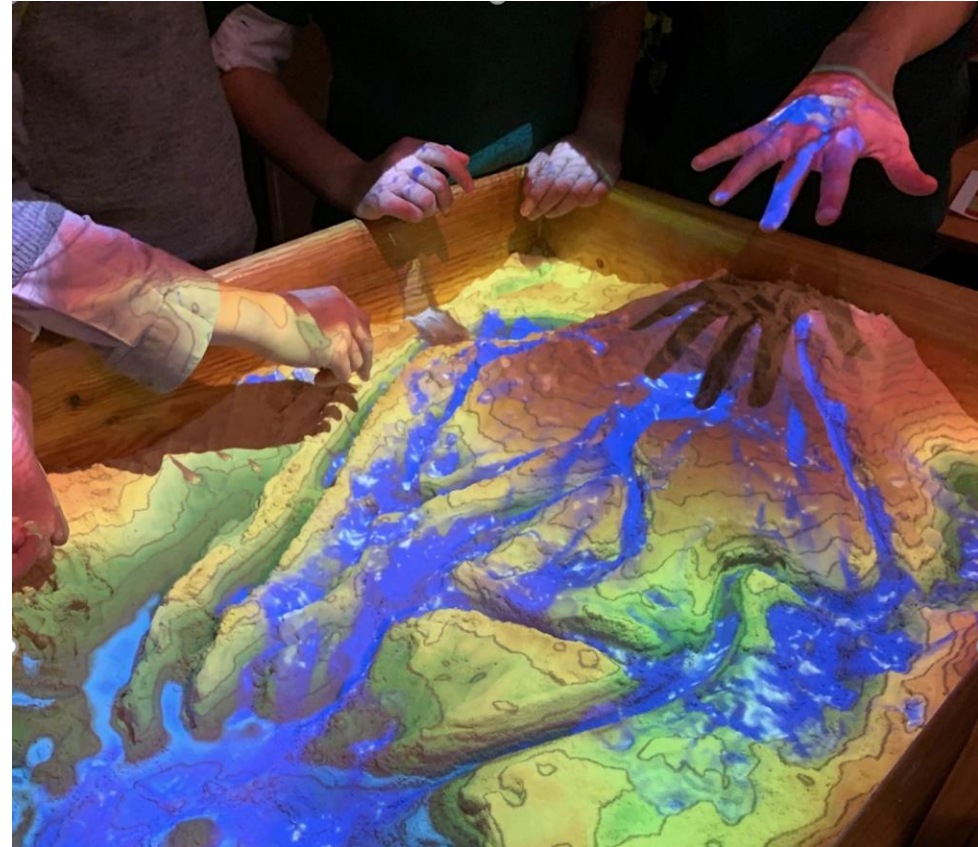
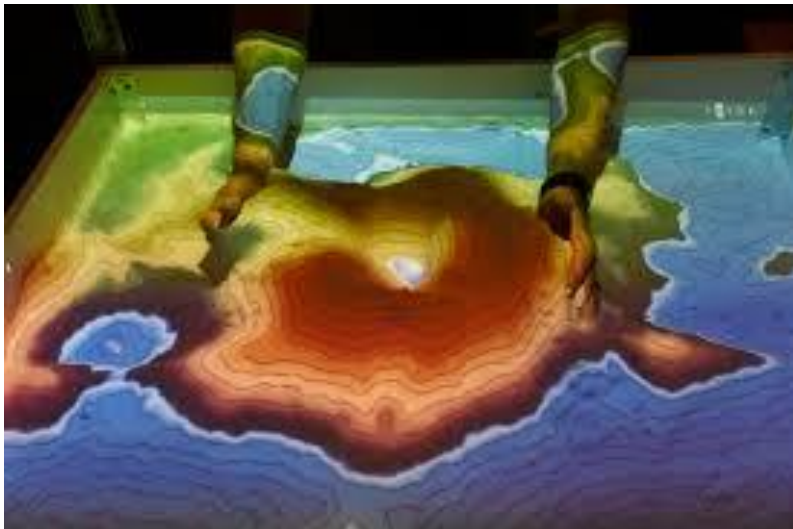


Water in the Landscape (aka AR Sandbox)

This piece uses Augmented Reality technology to explore how water moves through landscapes! A scanner sends information to a projector that shines down on a sandbox.

Water in the Landscape (aka AR Sandbox)

Simply move the rubber “sand” around to create different geographic formations, such as mountains and valleys, then hold your hand over the formation to create rain. Watch the water flow and collect over various watersheds.



Water in the Landscape (aka AR Sandbox)

Facilitation Tip:

Ask patrons: Where does our water come from? Where does it go?

Snow, ice, rain, rivers, and wind shape the mountains, mesas, and canyons we see in the Four Corners. Water flows into streams, creeks, and rivers, which then flow into the Colorado River.

OUR WATER COMES FROM TWO MAIN RIVERS
NIHÍ TÓ ÉÍ NAAKIGO TÓ NÍLÍNÍGÍÍ T'ÁÁ' ÍYISÍÍ CHOO'II
NUESTRA AGUA PROVIENE MAYORMENTE DE DOS RÍOS

Here in the Four Corners, we are part of the Colorado River Basin. Our main rivers are the San Juan and the Dolores. Water from snow, ice, and rain flows into our streams, creeks, and rivers, which then flow into the Colorado River.

The water cycle in this dry land begins in the fall and winter when snow falls high in the mountains. In spring, melting snow rushes into our rivers. In summer, thunderstorms can create flash floods. Under intense sun and heat, the snow melts away, the rivers become dry, and the water evaporates back into the air.

This cycle has gone on for millions of years. Over time, rivers and flash floods have carved deep canyons through the soft sandstones of the region. Climate forecasts now point to a warmer future, which means more frequent droughts and flash floods for all Four Corners life, including people, plants and animals.

MAKE IT RAIN!
Build mountains and valleys out of rubber "sand" then make it rain to see where the water flows!

Ready to play?

- 1 Use your hands to shape the rubber "sand" Build mountains and ridges, scoop out valleys and create canyons. Can you recreate some landmarks from your region?
- 2 Now, pretend your hands are rain clouds! Hold them over the rubber "sand" with your fingers spread wide to make it rain. Watch how the water flows through your landscape. Where do rivers flow? Where do lakes form? How quickly does the water evaporate or drain away?

To read or listen in...
Navajo Spanish

Water in the Landscape (aka AR Sandbox)

Facilitation Tip:

Ask patrons: What types of maps are you familiar with?

Explain this is a 3D map that can show elevation and invite them to build their own mountains and valleys, and then “make it rain” to create a watershed.

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Water in the Landscape (aka AR Sandbox)

Facilitation Tip:

Ask patrons: What do you notice about where the water flows when you “make it rain?” Encourage them to find their location on the map and recreate their watershed in the sand.

A watershed is an area of land that channels rainfall and snowmelt through rivers and streams to eventual outflow points, such as reservoirs, lakes, or the ocean. This interactive display helps patrons understand how communities can be connected by the same watershed, in this case the Colorado River Basin.

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To read or listen in...
Navajo Spanish

Water in the Landscape (aka AR Sandbox)

Facilitation Tip:

Encourage patrons to observe the iconic landmarks on the exhibit panels.

Can they recreate those landscapes in the sand?



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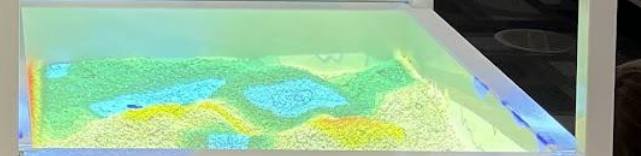
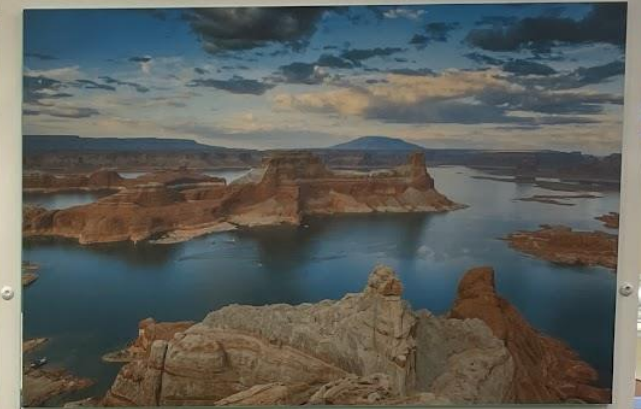


To read or listen in...
Navajo  Spanish 

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Water and Life

aka Connect 4



Water and Life (aka Connect 4)

Play a new take on the classic Connect 4 game! Try to line up 4 plant, animal, landscape, and weather tokens in a row and learn about the ecological connections of life in the Four Corners Region. Use the accompanying trivia cards to learn more about the items on the tokens. The tokens feature names in Navajo, Ute, Spanish, and English languages.



Water and Life (aka Connect 4)

Water is a driving force that shapes weather, landscape features, and wildlife adaptations. To live in this dry landscape, people, wildlife, and plants must make the most of the little water available. The game allows patrons to visualize the plants and animals that are unique to the climate of the Four Corners Region. The panels explain the role of wildfires in the environment and the risks of warmer temperatures and drier conditions.



Water and Life (aka Connect 4)

Facilitation Tips:

Humans aren't the only ones who need water in the Four Corners Region.

Ask patrons: How do plants and animals survive in this dry climate?

Consider setting up stations using the [Adaptations, A Way of Life](#) activity guide for younger patrons to explore.



Water and Life (aka Connect 4)

Facilitation Tips:

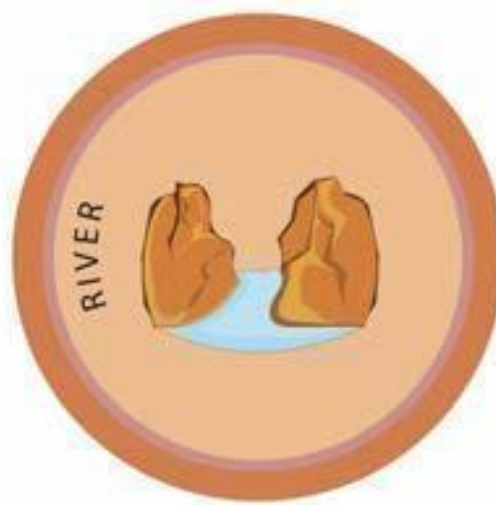
Once patrons have succeeded in getting four tokens of the same color in a row, challenge them to get a row with one of *each* of the different pieces. After all, the four elements exist together to make up this unique ecosystem.



Water and Life (aka Connect 4)

Facilitation Tips:

Younger patrons can play with the tokens! Encourage them to create their own stories using all the icons included in the bottom row of the Connect 4 board.





**Thank you for hosting the We are Water
Exhibition!**



Land Acknowledgement

We honor and acknowledge the traditional territories and ancestral homelands of the Navajo, Jicarilla Apache, Hopi, Zuni, Ute Mountain Ute, Southern Ute, and Pueblo Nations. Their relationship with the land we call the Four Corners continues to this day. The region is also home to descendants of Hispanic and European Americans who first arrived here starting in the 1500's.



A special thanks to our funder

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