



World Water Day: Celebrate the Building Block of Life

October 27, 2022

This webinar starts at 1:00 pm Mountain Time and will be recorded

Facilitator Introductions

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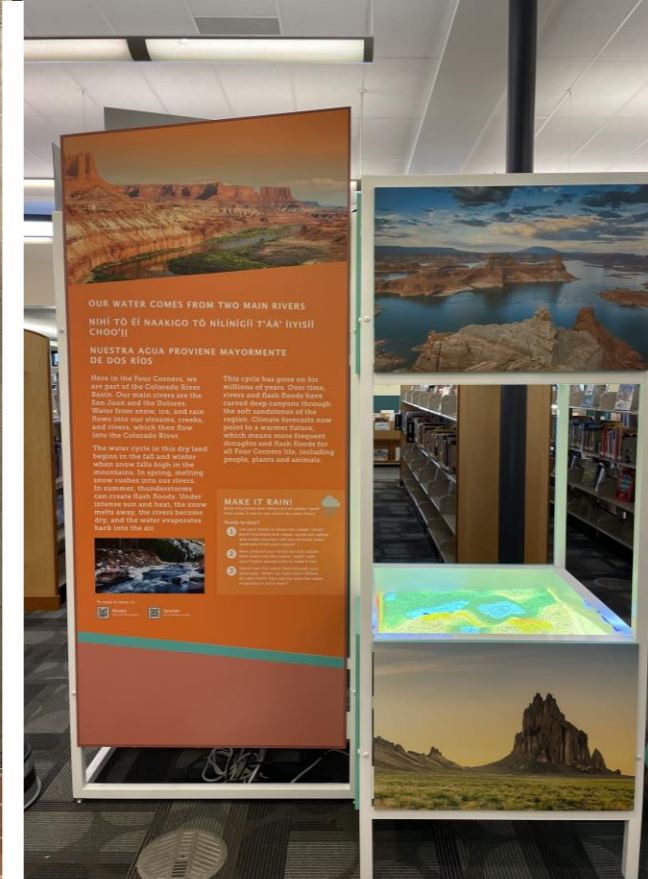
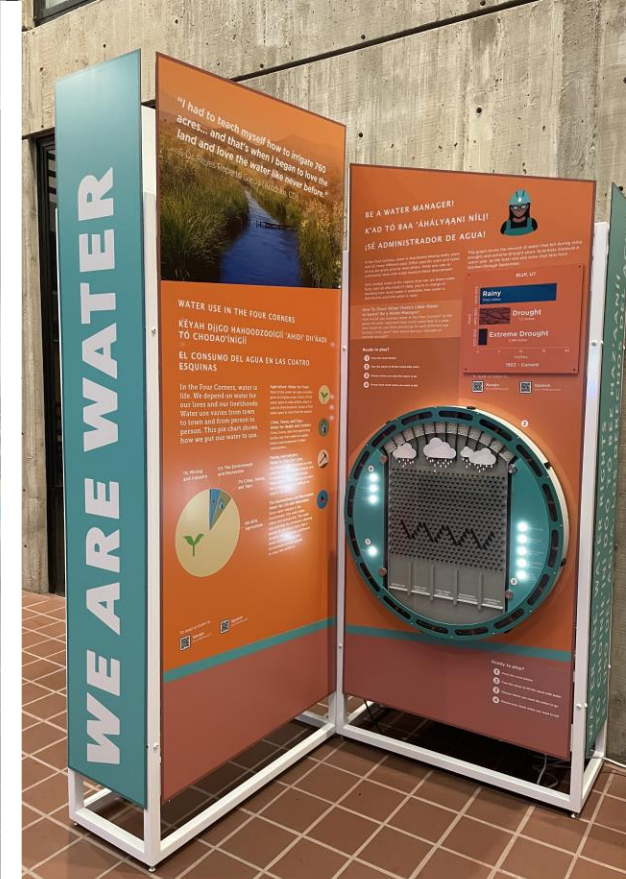


What are some water-related topics or concerns in your community?



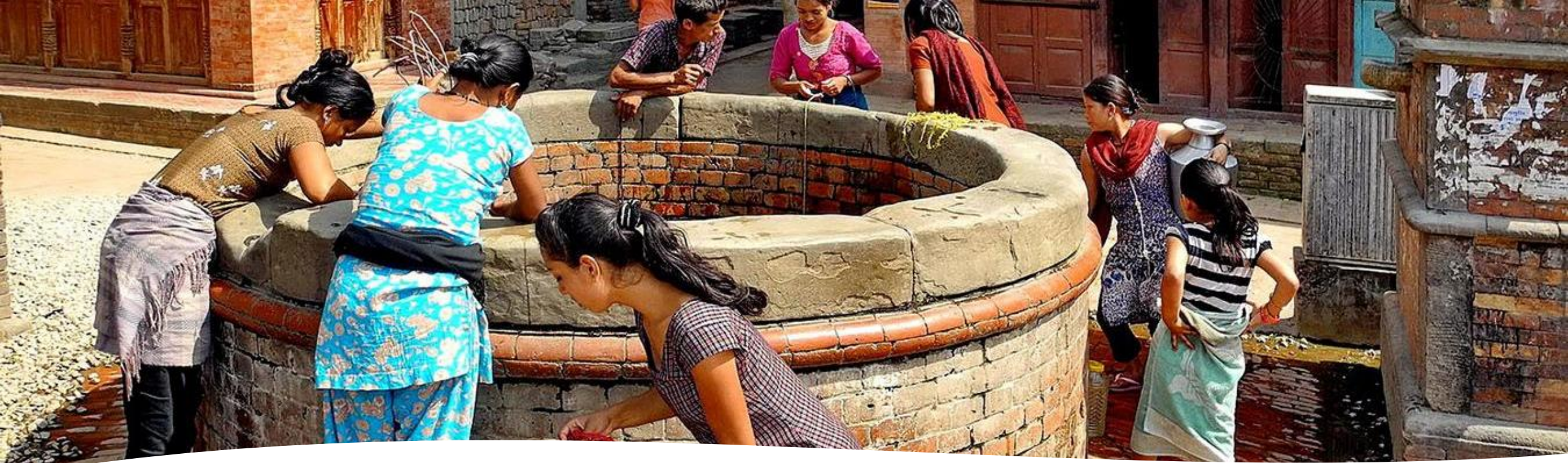
We are Water
connecting communities

Connecting Communities. Sharing Stories. Sharing Place.



We are Water

- Public and Tribal libraries in the Four Corners Region
- Serving Indigenous, Latinx, and rural communities
- Connecting communities through conversations and explorations about water
- Multicultural traveling exhibit in Navajo, Spanish, English, and Ute languages



World Water Day

- March 22
- Started by the United Nations in 1993
- Celebrates water and raises awareness of the 2 billion people in the world who don't have access to safe water
- Inspire action towards the U.N.'s Sustainable Development Goal 6: Water and sanitation for all by 2030

World Water Day 2023

- Theme: "Accelerating Change through Partnerships and Cooperation"
- Opportunities to learn, ways to share the campaign, and get involved



www.worldwaterday.org

Drop in the Bucket

Materials

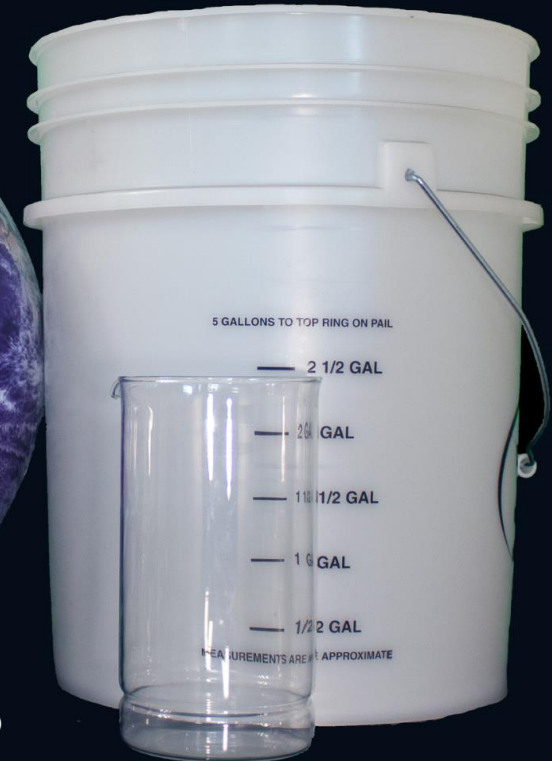
Inflatable Globe



Eyedropper

Measuring cup

Five gallon bucket



Clear container
for removed water

Science Connections

How much of the Earth is covered in water?

What are the different sources of water?



Credit: NASA

Science Connections

Approx. 71% of the Earth's surface is covered in water.

- Ocean
- Ground water
- Ice caps and glaciers
- Atmosphere
- Salt and freshwater lakes
- Rivers

How much is usable by humans?



Credit: NASA

Science Connections

Just 3.5% is freshwater.

Most of that is trapped in ice
and glaciers!

The amount usable
by humans is only 0.00003%



Credit: NASA



Water consumption

in the Western US

Vex

Photo courtesy of the Indian Pueblo Cultural Center



Waffle Garden Kits

Kit Materials

Two rectangular containers for planting



Seeds



Craft sticks



Data Sheets



Activity Instructions



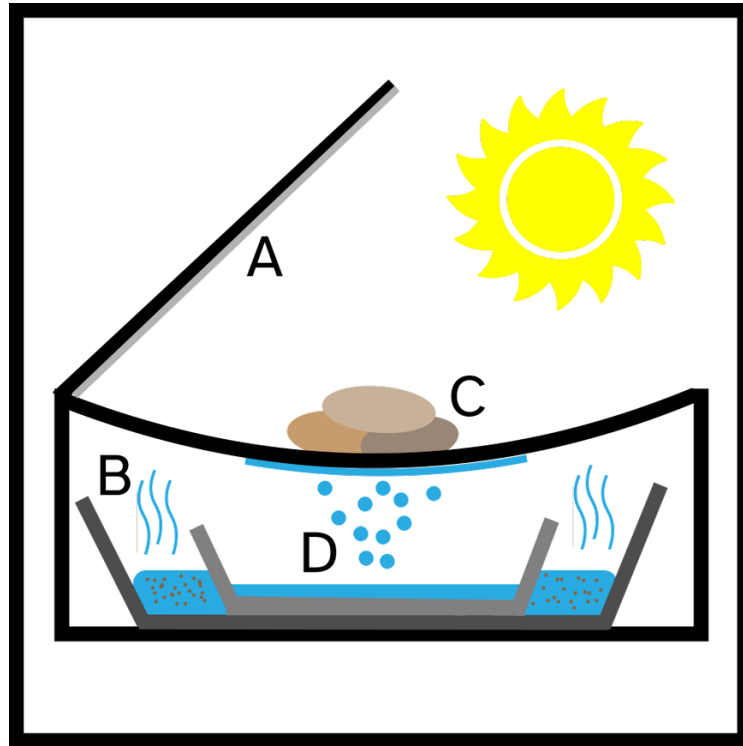
Soil





Solar Still

Solar Still



- Extension of the Pizza Oven Solar Oven activity in the new SEAL activity collection
- Great as a water purification activity or as a follow-up to a Solar Oven program
- Uses evaporation to purify dirty water (distillation)



Sun...Moon...You!


OCTOBER 14, 2023
ANNULAR SOLAR ECLIPSE

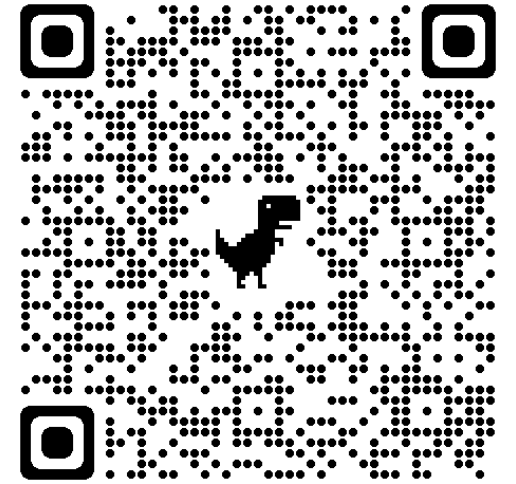

APRIL 8, 2024
TOTAL SOLAR ECLIPSE

A | A
S | AMERICAN
ASTRONOMICAL
SOCIETY



Funding from the Gordon and Betty Moore Foundation to provide:

- Approximately 5,000,000 eclipse glasses to public libraries in the U.S., D.C. and territories/protectorates
- In-person training in each state/territory
- Circulating kits to state libraries, including solar telescopes
- Training (in-person and online)
- An interactive community hosted on the STAR Net website



The existing STAR Net community will provide

- Access to the interactive community
- Vetted hands-on activities through the STEM Activity Clearinghouse
- Access to scientists, volunteers and eclipse subject matter experts (SMEs)





Discussion

What has your library done to promote water conservation?



Thank you!

Any questions?