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
- 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
- Five gallon bucket
- Measuring cup
- Eyedropper
- 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%
Water consumption in the Western US
Waffle Garden Kits
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
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?