

Summer Programming with We are Water

This webinar will begin at 1 pm Mountain Time and will be recorded

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University of Colorado
Boulder



Today's Facilitators

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Today's Agenda

- **Welcome, Introductions, and Icebreaker**
- **We are Water Project Overview**
- **CSLP 2023: All Together Now**
- **Activity Resources**
- **We are Water Stories**
- **Discussion**



Icebreaker

Life in the Southwest relies on a delicate balance where both biological and nonbiological processes contribute to the ecosystem - all together now as a biome. Which part of the Four Corners ecosystem are you feeling like today?

The Land
Steady, constant,
creating home



The Water
Powerful, ready to make
change



The Plants
Supportive, precious

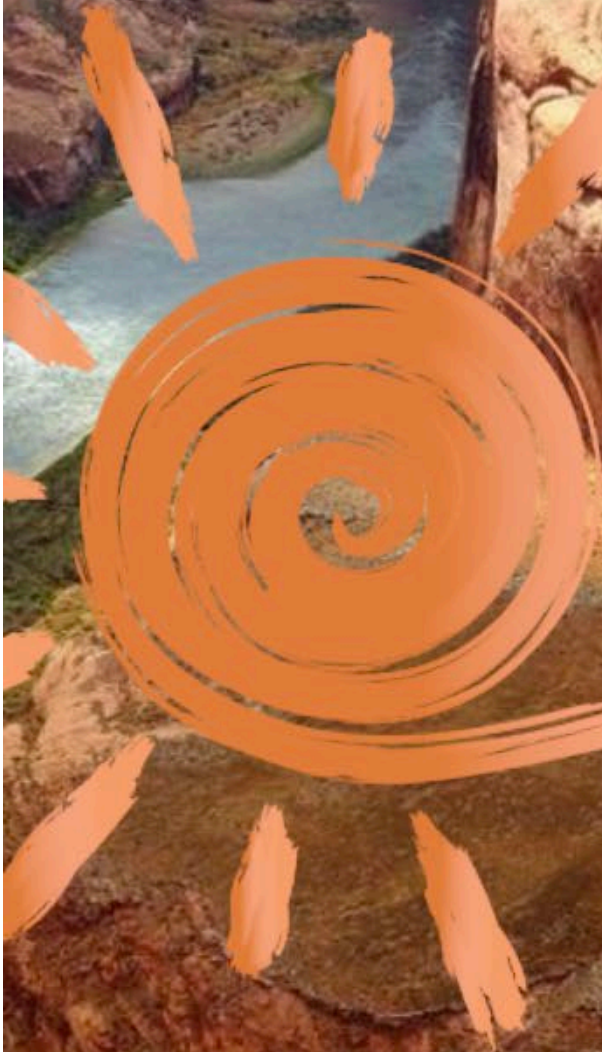


The Animals
Top of the food web





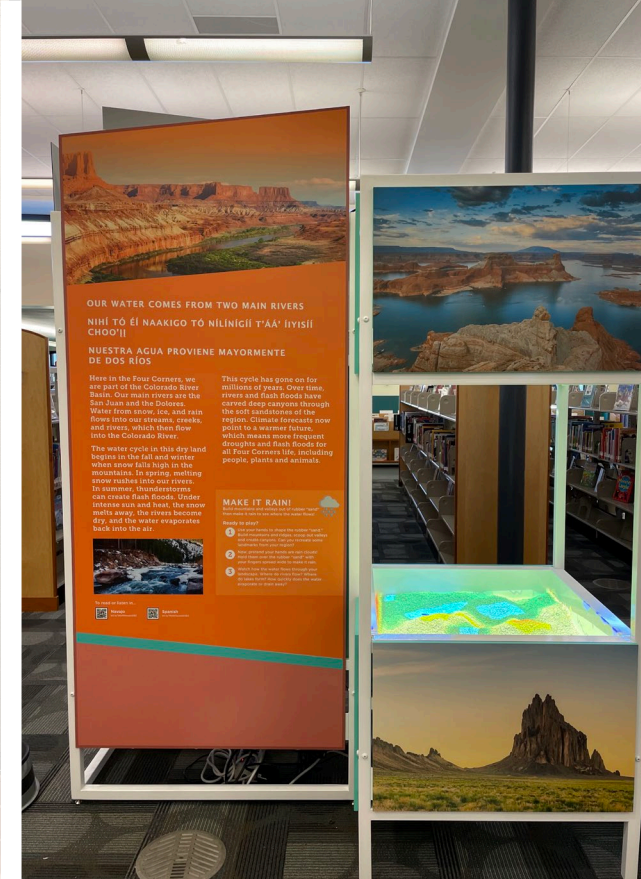
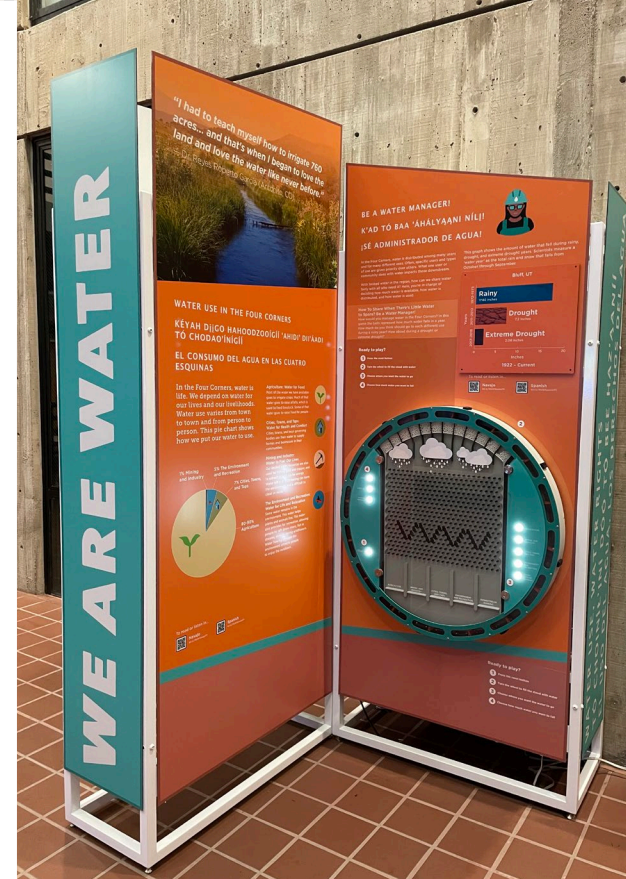
We are Water
connecting communities



Collaboration between scientists, Indigenous science educators, learning researchers, informal educators, and library staff.

CIRES Education & Outreach	STAR Library Network (STAR_Net)	Space Science Institute National Center for Interactive Learning	Indigenous Education Institute (IEI)
Community Collaborative Rain, Hail & Snow Network (CoCoRaHS)	Western Water Assessment	Native Pathways	JKS Consulting
State Libraries of Arizona	State Libraries of Colorado	State Libraries of New Mexico	State Libraries of Utah
Association of Small and Rural Libraries (ASRL)	Roto		





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

We are Water

2020

Community Input
Collaborative Design
Recording Stories
Virtual Programs

2021

Exhibit Production
Piloting
Library Staff PD
Evaluation & Research

2022

Exhibit Tour
Programs
Library Staff PD
Evaluation & Research

2023

Exhibit Tour
Programs
Library Staff PD
Evaluation & Research



Collaborative Summer Library Program (CSLP)

- Non-profit organization that supports literacy, education, and science through summer reading events in public libraries
- Produces materials designed by CSLP members that participating states or systems can use to develop interest in reading and library use
- Began in 1987: ten Minnesota regional library systems developed a theme, artwork, and selecting incentives for a summer library program for children
- Guiding principle: librarians sharing ideas, expertise and costs to produce a high-quality summer reading program for all

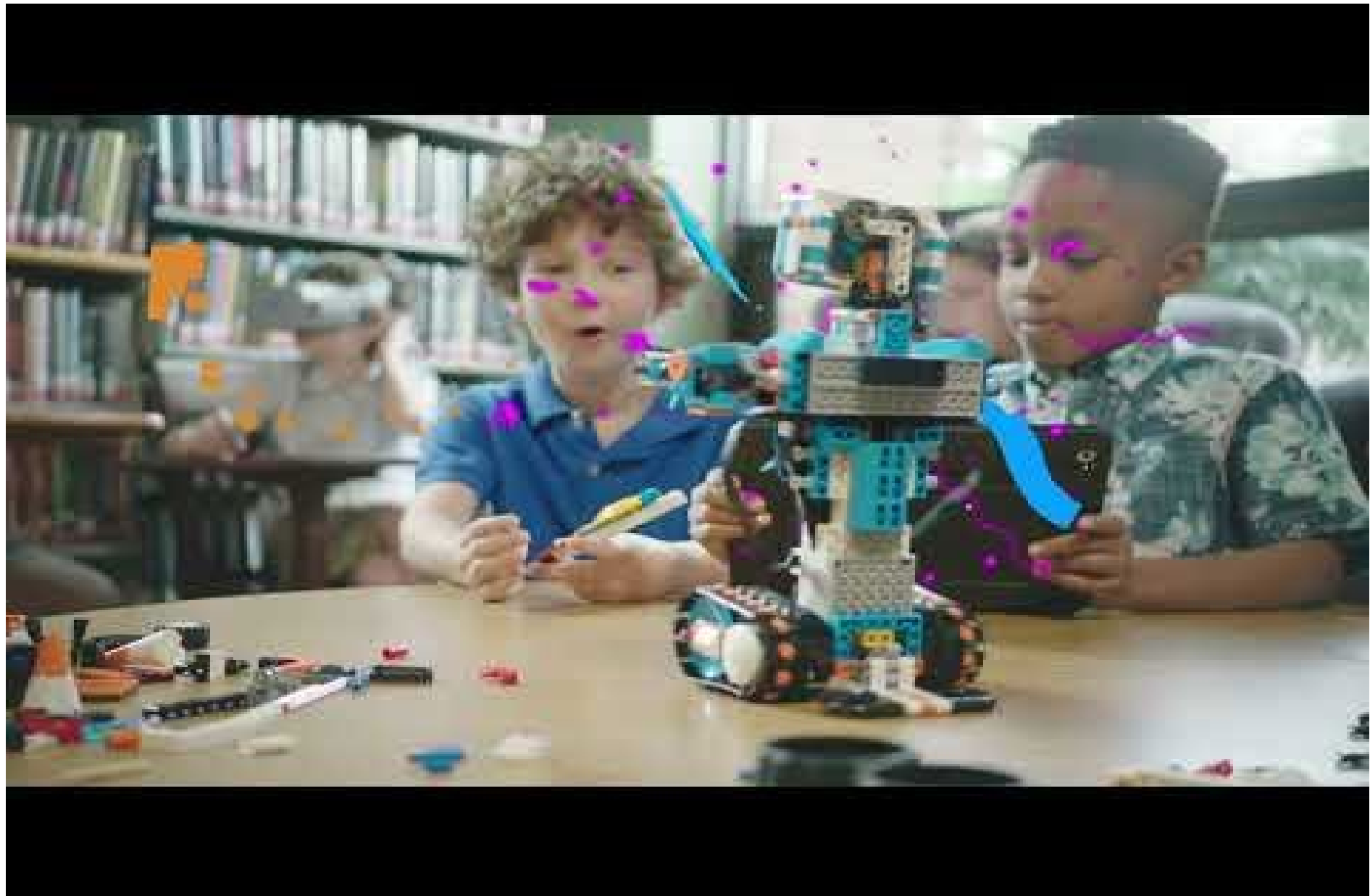


collaborative
summer library program

CSLP 2023: All Together Now

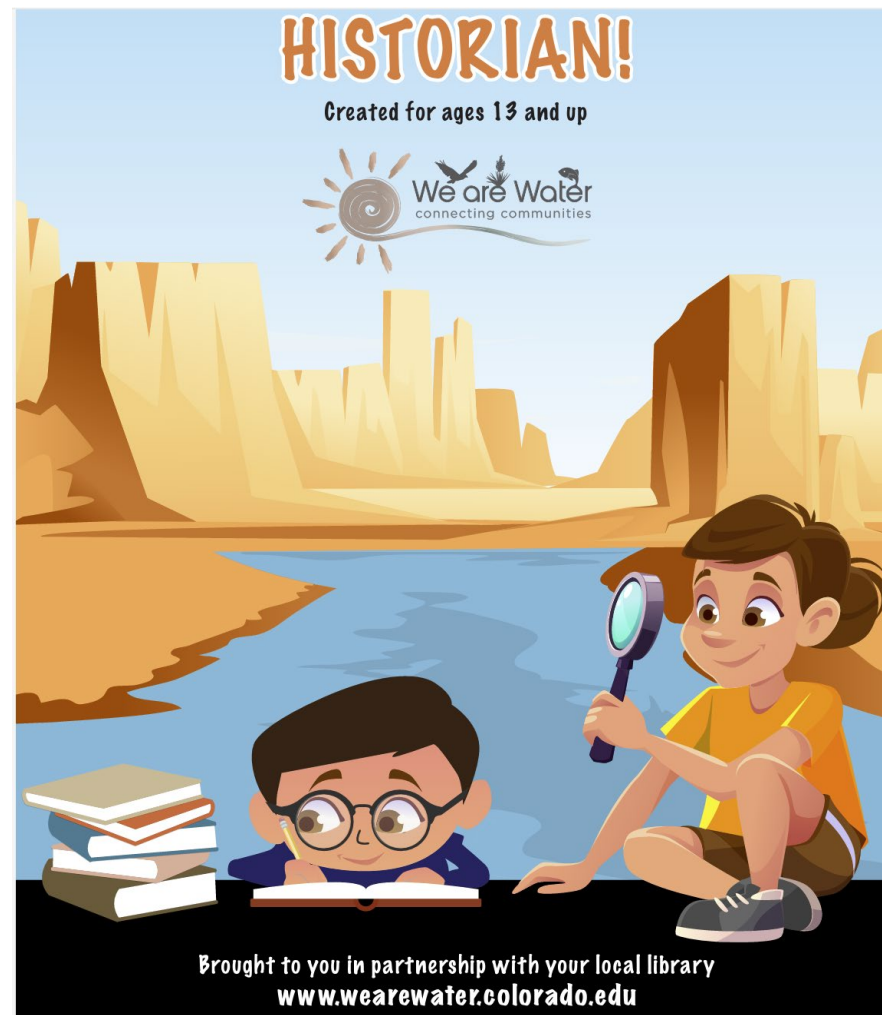
**Summer
Reading
Starts
Today!**





Be a Water Historian

- Community stories are important!
- Participants learn how to be a good interviewer
- What you need to start:
 - "Brainstorm your Interview" Guide
 - Family, friend, or community member to interview
 - Smartphone, tablet, or computer to record the story
 - "Sharing Your Personal Reflections with We are Water" Form
 - Pen or pencil to write your questions



Available in English, Spanish, and Navajo

Be a Water Historian - Part 1

Prepare for the Interview

- Identify who you want to interview
- Arrange a time
- Use the "Brainstorm Your Interview" Guide and Water Historian" notecards to write down questions you want to ask.

Warm Up Questions

Memories about water

Reflections & perspectives about water

Be a Water Historian: Part 2

Record the Interview

- Choose an audio or visual recorder for the interview (such as a smartphone)
- Start with introductions
- Ask a warm-up question
- Ask your questions about water memories, reflections, and perspectives
- Thank the person you interviewed



Be a Water Historian: Part 3

Share the Story

- Send the audio file to the person you interviewed
- If they want to share their story to the We are Water project, fill out the online submission form by using the QR code or link provided in the activity guide



Walk Through Time

Libraries display historical photos of the community that relate to water and compare them with contemporary photos of the same areas.



StoryWalk Version



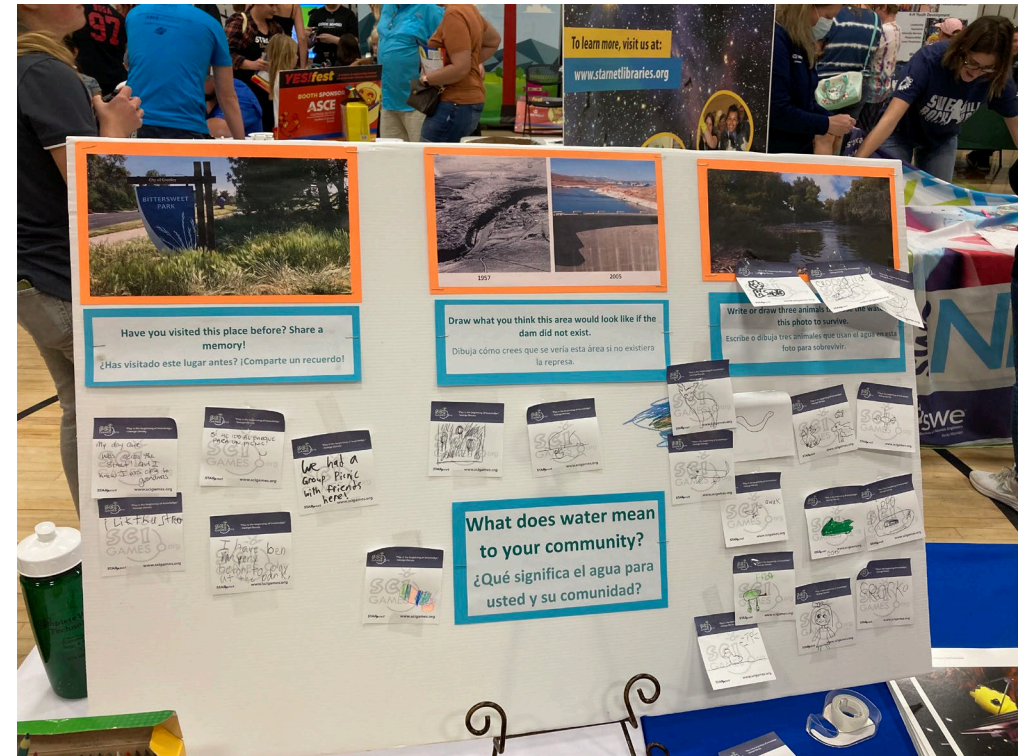
1921



1917

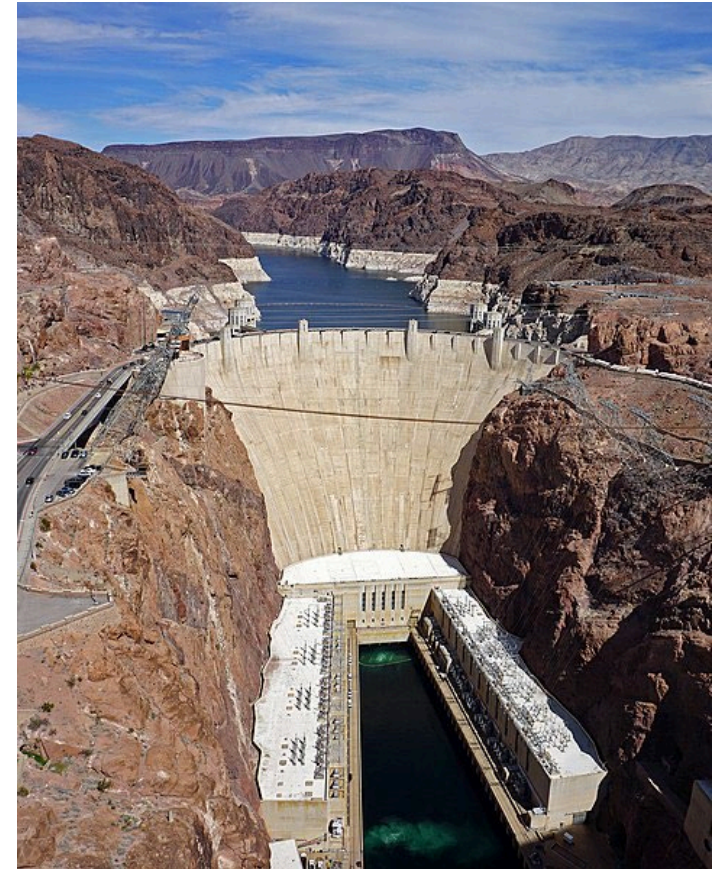
Digital Photo Gallery

Walk Through Time - Story Wall



Walk Through Time Writing/Discussion Prompts

- What does water mean to you and your community?
- Have you visited this place before? Share a memory!
- How important are dams/mines to our community? What are some positive and negative effects they have?
- What happens upstream of the dam? What happens downstream?
- What impacts does this structure have on the environment?
- In what ways do people use rivers?
- How might building a dam or water treatment plant affect a river?



Walk Through Time Drawing Prompts

- What do you think this area will look like 100 years in the future?
- Draw three animals that use the water in this photo to survive
- Draw your favorite activity to do in a lake or river
- Draw what this area would look like if the dam did not exist



Walk Through Time Scavenger Hunt Prompts

- Do you recognize this location? Snap a photo of what it looks like today and submit it to the library!
- Does this building still exist? Find the location and submit a photo!



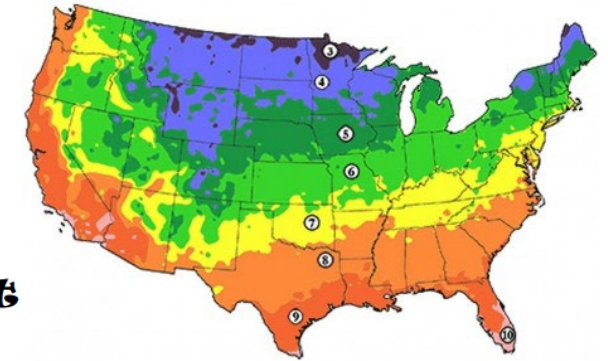
Waffle Garden

- Step by step guide to materials, building your garden, and monitoring your seedlings
- Alternative materials if you're not using a Waffle Garden We are Water kit
- Available on the @STARNetlibraries YouTube channel



Recipe for a Region

- Explore how the ecology of the regions of the US through food
- Learn how the ecology that supports regional foods are like a "recipe" of different climate, geological, and biological factors



Recipe for the Southwest

States: Arizona, California, Colorado, Nevada, New Mexico, Utah

Latitude: 31° 20' N to 42°N

Elevation: The lowest point in the region — and in the entire United States — is Death Valley (-282 feet). The Colorado River in Arizona (70 feet) is another low area. The highest points are Mount Whitney in California (14,494 feet) and Mount Elbert in Colorado (14,433 feet).

Largest nearby bodies of water (like oceans or lakes): Pacific Ocean, Great Salt Lake

Climates: Dry, High Elevation, Mild

Average Temperatures:

Summer Highs: 80-100°F but highly variable throughout the region; as low as 60°F and greater than 110°F can be found there

Summer Lows: 50-70 °F, dipping to 30°F at higher altitudes and rising to 90°F in certain areas

Winter Highs: 20-40 °F, with cooler areas in the highlands and rising to 50°F or even 80°F in the southern and western areas

Winter Lows: 10-20 °F, dipping to 0-20°F at higher altitudes and rising to 30-50°F in the southern and western areas

Annual Precipitation: 8-32" with some regions receiving 32-64" and over 96" in certain areas of California

Agriculture: The dairy and beef industries are important in the Southwest. Cattle and sheep are Arizona's main agricultural products, but the state also grows melons, lettuce, spinach, broccoli, cauliflower, and lemons. California is the top agricultural state and milk producer in the U.S. It benefits from its unique Mediterranean (mild) climate and year-round growing season. Almonds, artichokes, figs, olives, persimmons, pomegranates, prunes, raisins, and walnuts are all commercially produced only in California; the state is also known for its grapes. Colorado contributes cattle, onions, beans, lettuce, and peaches. New Mexico supplies onions and chili peppers. Barley, oats, and wheat are grown in Utah.

One Activity Flows Into Another

Activities can be run by themselves or combined to make a full program or months of programming

Recipe for a Region

Explore regional
foods and
recipes

Waffle Garden

Plant and grow
seedlings of
regional foods

Be a Water Historian

Collect local
water stories

Story Walk

Share local
water stories
(and foods?)

Stories: What does water mean to people living in the Four Corners Region of the U.S.?



Dry, Hot American Summer



If you live in the Four Corners region, share photos, videos, or text

[Wearewater.colorado.edu/stories](https://wearewater.colorado.edu/stories)

What does water mean to you and your community?

Share your stories and perspectives about water in your community.
You can upload photos, videos, or text here.



If you are outside the Four Corners Region

How would you display or share stories with your community?



Discussion

Share in the chat:

What ideas do you have for connecting with your community around water topics at your library?



Thank you!

Any Questions?