



CHILDREN'S WATER FESTIVAL
SEPTEMBER 22, 2022

ADDITIONAL WATER FESTIVAL RESOURCES

Dear Chisago County Educators,

Thank you for participating in the twentieth annual Chisago County Children's Water Festival! We are happy to be holding the festival in-person this year. The Planning Committee is not providing the usual session for teachers showcasing a water resource educational resource or curriculum. However, the committee is providing the presentations and resources from our Children's *Virtual Water Festival* held in May and September of 2021 for teachers and students to explore.

1. Children's *Virtual Water Festival* Resources

The 30 presentations and activities from the Children's *Virtual Water Festival* are divided into five categories: **Aquatic Invasive Species, Water and Wildlife, Watersheds, Water Quality, and Weather.**

Each presentation and/or activity is summarized in an Info Sheet based on their category. Each Info Sheet includes a description of the presentation topic, links to videos, and a Digging Deeper section with links to worksheets or other activities or lesson plans. Teachers and students can explore each presentation and/or activity as they wish.

The links to these resources are available on the Chisago County Water Resource & Environmental Education webpage at: <https://www.chisagocountymn.gov/325/Water-Resource-Environmental-Education>

2. Additional Water Festival Resources

The **Additional Resources** listed below contain links to presentations and activities available for teachers and students to explore.

Thank you for again for participating in our 20th Annual in-person festival! We'd like to thank the educators, school administrators, volunteers, presenters, and sponsors for their contributions to the festival these past 20 years. We look forward to 20 more years of hands-on learning on the importance of water!

ADDITIONAL WATER FESTIVAL RESOURCES

[Connecting Classrooms and Communities through Watersheds](#)

This unit plan includes activities where students learn about watersheds, human impact on watersheds, and ways watersheds can be protected and conserved. It includes a service-learning project.

http://www.geoteach.org/teacher_resources/lessons/Connecting%20through%20Watersheds.pdf

[JetStream – An Online School for Weather](#)

This site includes information on a range of weather topics.

<https://www.weather.gov/jetstream/>

[Space/STEM Water Activities](#)

This collection of activities provided by the NASA Jet Propulsion Lab includes several related to water.

<https://www.jpl.nasa.gov/edu/teach/tag/search/water>

[The Lake Game](#)

In this activity students role-play different water use situations, make decisions, and observe the impact of those decisions on a lake's water quality.

https://files.dnr.state.mn.us/education_safety/education/minnaqua/leadersguide/chapter_3/3_5_the_lake_game.pdf

[Understanding Our Water Footprint: Middle School Lesson Plans](#)

Three lessons that explore water resources and how consumption choices impact water consumption at the personal and school campus levels.

<https://www.watercalculator.org/resource/middle-school-lessons/>

[Waters to the Sea: Mississippi River Adventure](#)

This site includes short videos, animations, and interactive activities related to the water cycle, watersheds, water quality, and ecosystems. It includes clusters of material focused on Earth science, life science, social science, and culture.

<https://www.arcgis.com/apps/MapSeries/index.html?appid=37dcc0e020624bd082caf2f2c8c5583f>

[Water Water Anywhere](#)

In this activity, students experience three stations focused on water abundance, physical water scarcity, and economic water scarcity.

<https://thewaterproject.org/resources/lesson-plans/water-water-anywhere>

[Weather Resources](#)

This site includes videos, interactive activities, posters, and links related to a range of weather topics. It also connects these topics to the Geostationary Operational Environmental Satellite (GOES) – R fleet of geostationary weather satellites

<https://www.goes-r.gov/resources/education.html>

[Great Lakes Aquarium](#)

This site includes downloadable curricula, teaching kits, equipment, props, and media to borrow for free.

<https://glaquarium.org/education/>

<https://glaquarium.org/education/k-12-learning/teacher-resource-center/>