

Water Teacher's Guide

Concepts for Water Field Trip

1. Water is a critical resource
2. The Water Cycle
3. Where water comes from
4. Water Conservation and Restoration
5. Vocabulary

Discovery on PowerZone

Water in Clark County: powerzone.clarkpublicutilities.com/learn-about-water/

Water Basics (Video): youtu.be/PBWqzO5z8eg

Read the Story of Whoosh, the Water Molecule (printable or online):
powerzone.clarkpublicutilities.com/learn-about-water/systems/#dearflip-df_3492/3/

Q: What is a water molecule, also known as H₂O?

A: Two parts of Hydrogen to one part of Oxygen

Q: How much of the human body is made up of water?

A: More than 70%

Q: How much of the Earth's surface is covered by water?

A: About 80%

Activities

Coloring (Online or Printable):

- [Whoosh is Ready to Work](#)
- [Whoosh Takes a Nap](#)
- [Whoosh Gets Clean](#)
- [Whoosh's Journey](#)

- [Whoosh at Work](#)
- [Whoosh Helps You Get Clean](#)
- [Meet Whoosh](#)

Water Crossword (vocabulary and concept reinforcement – printable or online):
powerzone.clarkpublicutilities.com/games/water-crossword-puzzle/

Water Word search (vocabulary – printable or online):
powerzone.clarkpublicutilities.com/games/water-word-search/

Water Cycle, Distribution

powerzone.clarkpublicutilities.com/learn-about-water/systems/

Q: What forms of water fall from the sky?

A: Rain, snow, sleet, hail

Water Conservation and Restoration

Conservation: powerzone.clarkpublicutilities.com/learn-about-water/conservation/

Q: How have you used water today?

A: Brush teeth, bath/shower, water was used to make clothing being worn, drank milk or juice, etc.

Q: How has the school used water today?

A: Water lawns, washed dishes, part of cooling system (air conditioner), etc.

Quality (essential, pollution, ecosystems, rain gardens local connection):
powerzone.clarkpublicutilities.com/learn-about-water/quality/

Restoration: powerzone.clarkpublicutilities.com/learn-about-the-environment/clark-pud-stream-team/

Activities

StreamTeam Crossword (conservation and restoration vocabulary and concepts – printable or online): powerzone.clarkpublicutilities.com/games/streamteam-crossword/

Environmental Crossword (conservation and restoration vocabulary and concepts – printable or online): powerzone.clarkpublicutilities.com/games/environment-crossword/

Water Conservation Project: powerzone.clarkpublicutilities.com/activities/water-conservation-project/

Water Filtration Project: powerzone.clarkpublicutilities.com/activities/water-conservation-project/

Erosion Activity: powerzone.clarkpublicutilities.com/activities/erosion-activity/

Watershed

Watershed: powerzone.clarkpublicutilities.com/learn-about-the-environment/clark-county-watershed/

Find my Watershed: powerzone.clarkpublicutilities.com/learn-about-the-environment/clark-county-watershed/watershed-map/

Q: What are some different bodies of water found on Earth?

A: Ocean, lake, river, bay, stream, watershed, etc.

Curious about Careers in Water and the Environment

Videos: powerzone.clarkpublicutilities.com/clark-public-utility-careers/