

Education Outreach

ACTIVITY SHEET



PRESENTATION FORMAT

Virtual, On-Site

MATERIALS NEEDED

Single sheet of paper and pen to take notes

GRADE LEVELS

9th to 12th

DURATION

45 to 60 minutes

NEXT GENERATION SCIENCE STANDARDS ALIGNMENT

Disciplinary Core Idea

- ESS2.C: The Roles of Water in Earth's Surface Processes

Crosscutting Concept

- Systems and System Models

Science and Engineering Practice

- Developing and Using Models

COMMON CORE STATE STANDARDS ALIGNMENT

CCSS.ELA-Literacy.SL.9-10.1

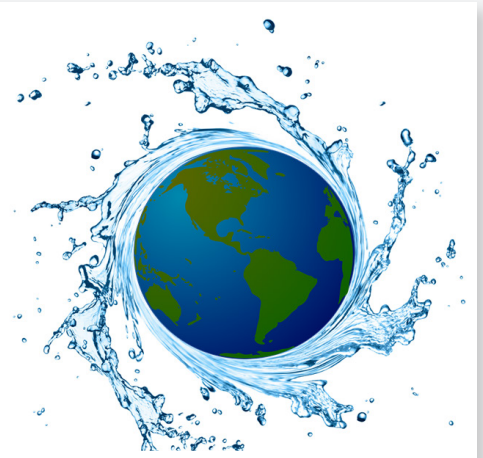
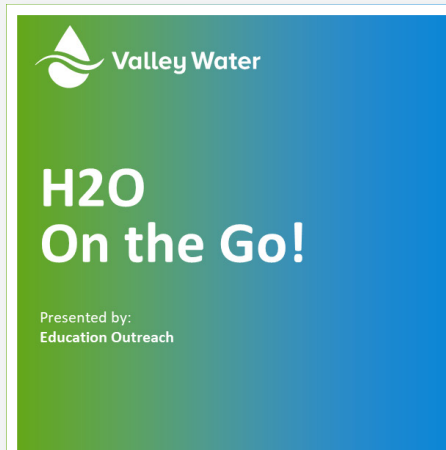
ACTIVITY NAME:

H2O On the Go



FOCUS QUESTION:

How do the properties and movements of water shape Earth's surface and affect its systems?



BACKGROUND

Did you know that water we use today is the same water that has been on Earth for billions of years? The water cycle is a combination of natural processes that moves water around the planet and makes it possible for us to reuse it over and over again. Humans also play a role in the water cycle through human-made technologies and activities that use, clean, and move water.



ACTIVITY

Students take a journey through the water cycle as they explore the interaction between the natural water cycle and the human-constructed water cycle. During an interactive game, students will experience one of the many pathways that water takes as it cycles through the environment. The program ends with a discussion about the ways that humans impact water and how we can act as stewards of our environment.



QUESTIONS?

Email education@valleywater.org

Website: www.valleywater.org/learning-center/teachers-students

