



## 4. Drinking Water Virtual Lesson

### Overview & Purpose

This series of water-related lessons is designed to support 4th grade students in their exploration and understanding of local water resources and systems. In this lesson students learn how natural water sources are treated to create safe clean drinking water.

### Optional Introduction Video

The Children's Clean Water Festival is a community event, organized by a group of public, private and non-profit organizations all committed to water and environmental education in our region. [This video introduces students to the festival and curriculum.](#) (Spanish, Vietnamese, Russian, and simplified Chinese subtitles)

### Activity

1. Students watch [How Your Drinking Water is Made](#) (Spanish, Vietnamese, Russian, and simplified Chinese subtitles)
2. Students [find your water provider and learn where your drinking water comes from](#)

### Product

- Students submit the name and location of their drinking water source
- Students name or draw one step in the drinking water treatment process

## Guiding Questions

- How is your drinking water cleaned?
- Why is it important to clean your drinking water?

## Extension Activities

- [How Nature Makes Clean Water video](#)
- [Clackamas River Water Providers Drinking Water Treatment Plant Tours](#)  
(5-10 minutes each; subtitles in English, Spanish, Russian, Simplified Chinese, and Vietnamese)
- [Water Sources in the Portland-Metropolitan region](#)
- [National Geographic Kids Make a Water Filter](#)

## NGSS Standards Supported

1. 4-ESS2-1. Make observations and/or measurements to provide evidence of the effects of weathering or the rate of erosion by water, ice, wind, or vegetation.
2. 4-ESS3-2. Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.