

4-5th Grade: Explore Your Watershed Teacher Guide

<p>Next Steps for Teachers</p>	<ol style="list-style-type: none"> 1. Print Journals: Print out the Student Journal for students (optional). The journal may also be used electronically. 2. Review Student Guides: Review student guides (linked below) for each lesson. 3. Share Links with Students: Share the Student Guide link with your students on the day(s) you'd like your students to do the lesson.
<p>NGSS Content Standards</p>	<ul style="list-style-type: none"> • ESS3.C Human Impacts on Earth Systems • K-ESS3-1 Earth and Human Activity • 2-ESS2-2 Earth's Systems • 2-ESS2-3 Earth's Systems • 2-LS4-1 Biological Evolution: Unity and Diversity • 3-LS4-3 Biological Evolution: Unity and Diversity • 4-ESS2-2 Earth's Systems • 5-ESS2-1 Earth's Systems • 5-ESS3-1 Earth and Human Activity
<p>Themes Covered:</p>	<ul style="list-style-type: none"> • What makes up a watershed? • Everyone, everywhere, lives in a watershed. • Water powers our world. • Watersheds can be big or small. • We all live downstream.
<p>Guiding Questions</p>	<ul style="list-style-type: none"> • Where is water found? Name some examples of where you have seen water. • Is water salty or fresh? Where is it salty? Where is it fresh? • Where have you visited water in nature? What animals or plants did you see? • What is a habitat? • What animals live in the water? • What plants live in the water?
<p>Social and Emotional Learning support</p>	<p>All the Water in the World video has pause moments for students to repeat movements with their body. The Water Cycle Yoga video reviews the water cycle and get students moving.</p>

Lesson #1: Engage

- Pose the guiding questions so students start thinking about water and watersheds.
- Students answer questions in their journal.
- [All the Water in the World Video](#) including the following pause points:
 - 0:47- Wobble like water
 - 0:54- Say cheers, and take a drink of water!
 - 1:39 - Pretend to make raindrops fall and go down the river and into the ocean
 - 2:00 - Swirl around
 - 3:53 - Pretend to be an animal that needs water to survive
- [Sort it out Activity](#) and question in their journal

Lesson #2: Explore

- [Water Cycle Yoga](#)
- [Crumpled Watershed Video](#) and Activity
- [Explore Your Watershed Video](#) including pause points.
- Student Guide Video Questions
- [Watershed Scavenger Hunt](#)

Lesson #3: Explain

- Revise and add to the answers the Guiding Questions
- [We all live downstream art activity](#)
- The: [“River Song” Sing-along Video](#) and journal questions

Lesson #4: Elaborate

- Discover Your Watershed activity and journal questions
- Prevent pollution journal questions
- Chat with a Naturalist

Chat with a Naturalist

This is an option if students have more questions or are interested in continuing to engage and ask further questions of an East Bay Regional Parks Naturalist. Educators should reach out to their preferred interpretive center and can schedule a 30 minute zoom session with a Naturalist or Interpretive Staff. Questions should be provided to the Naturalist or Interpretive Staff prior to the date of the check in so they have ample time to prepare and address students' questions thoroughly and thoughtfully.