Lesson 1

Essential Question:
How is water purified on my site?
Who are the eco-service workers in the WP Department?
Where does water go after it goes down the drain?

Lesson 2

Essential Question:
What are some sources of water pollution?
What is my water footprint?

Lesson 3

Essential Question:
What are the stages of the water cycle?
What is my watershed?
What is the pH of rainwater on my site?

Lesson 4

Essential Question:
How is water shared around the world, especially in areas where the resource is scarce?
Who are different stakeholders that compete for water rights?
How can we help aid in the global water crisis?
Lesson 5

What is my watershed?
How can we measure water quality?
How can we help scientists keep track of the health of our watershed?

Stage 4
Stewardship
Citizen Scientists: Data Entry
Learners contribute the data from their investigation to a larger database and reflect on how they can nurture the health of the watershed.

Stage 3
Investigate
Catching Critters!
Learners collect aquatic animals and test temperature and pH to determine the health of the stream.

Stage 2
Teach Content
Streamside Observation
Learners will observe the area of water they will be testing and record observations in their journal.

Stage 1
Hook Interest
The Health of Your Watershed
Learners will be introduced to their watershed and learn about the different methods scientists use to test the health of the water.