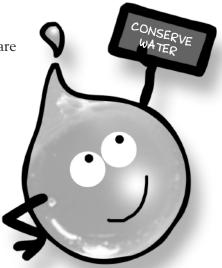


The goal is for students to understand how much wastewater they create, how that wastewater is treated, and what they can do to conserve water and to help keep it clean.

The concepts that students will learn include:

- How the hydrologic cycle works
- How much fresh water is available on Earth
- How much water we use for various activities on a daily basis
- How water is cleaned in nature
- How wastewater is cleaned at treatment plants
- What a watershed is
- What point source pollution and nonpoint source pollution are
- What the causes and effects are of various water pollution
- What recycled water can be used for
- How to conserve water



An outline overviewing all four lessons is shown on the following page.

WASTEWATER LESSONS OVERVIEW

Lesson 1: Pre-Tour	WATER YOU NEED41
	I. Review the hydrologic cycle
	II. Demonstrate fresh water availability
	III. Determine personal water use
	Extensions
	Background Information
	Masters
	- Water You Use
Lesson 2: Pre-Tour	TRICK OR TREATMENT49
	I. Discuss what goes down the drain
	II. Clean wastewater
	III. Discuss what shouldn't go down the drain
	IV. Prepare for field trip
	Extensions
	Background Information
	Masters
	- Cleaning Wastewater Worksheet
Lesson 3: Post-Tour	WATER ON THE ROAD57
	WATER ON THE ROAD
	I. Demonstrate a watershed II. Survey your watershed
	I. Demonstrate a watershed
	I. Demonstrate a watershed II. Survey your watershed III. Perform water quality test Extensions
	I. Demonstrate a watershed II. Survey your watershed III. Perform water quality test Extensions Background Information
	I. Demonstrate a watershed II. Survey your watershed III. Perform water quality test Extensions Background Information Masters
	I. Demonstrate a watershed II. Survey your watershed III. Perform water quality test Extensions Background Information
	I. Demonstrate a watershed II. Survey your watershed III. Perform water quality test Extensions Background Information Masters
Post-Tour Lesson 4:	I. Demonstrate a watershed II. Survey your watershed III. Perform water quality test Extensions Background Information Masters - Pollution Sources in a Watershed
Post-Tour Lesson 4:	I. Demonstrate a watershed II. Survey your watershed III. Perform water quality test Extensions Background Information Masters - Pollution Sources in a Watershed USE AND REUSE
Post-Tour Lesson 4:	I. Demonstrate a watershed II. Survey your watershed III. Perform water quality test Extensions Background Information Masters - Pollution Sources in a Watershed USE AND REUSE
Post-Tour Lesson 4:	I. Demonstrate a watershed II. Survey your watershed III. Perform water quality test Extensions Background Information Masters - Pollution Sources in a Watershed USE AND REUSE I. Calculate water use II. Demonstrate and discuss reclamation/recycling
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Post-Tour Lesson 4:	I. Demonstrate a watershed II. Survey your watershed III. Perform water quality test Extensions Background Information Masters - Pollution Sources in a Watershed USE AND REUSE I. Calculate water use II. Demonstrate and discuss reclamation/recycling III. Plan ways to conserve water Extensions