

Outline for AMBIENT Water Module

- I. Teacher's Resources**
 - a. Teacher's Guide to Water Quality
 - b. How to Use This Module
 - c. Glossary/Bibliography

- II. Water Scenario: Environmental Consulting Firm Assignment**
 - a. Video
 - b. Scenario Introduction

- III. Environmental Water Quality Risk Survey: Micro- to Macro-**
 - a. Microbe and Human Health Word Search
 - b. Microbe Crossword Puzzle

- IV. Sewage Matrix and Field Experience**

- V. Bacteria/Water Labs**
 - a. Viewing Bacteria
 - b. Create a Microbe
 - c. Classify the Microbes
 - d. Bacterial Growth
 - e. Bacterial Movement through Water

- VI. Mapping Lab for Water Contamination**

- VII. Beach Clean-up Field Trip**

- VIII. Creative Reading/Thinking**
 - a. "Key West Sewage Repairs to Cost \$30 Million"
 - b. "The Straight Poop"
 - c. "From the Ground Up"

- IX. Creative Writing**
 - a. "Last of the Falling Tide"

- X. Role Play/Debate: Stakeholders**
 - a. Recreational Water Contamination and Beach Closure