



## **SAMPLE ENVIRONMENTAL EDUCATION CURRICULUM**

### ***The ABC's of Water Conservation, Grades K-8***

#### **Summary of Lesson**

Water is one of earth's most precious resources that is often taken for granted or wasted. Understanding the value of water and learning how to use it wisely can help save water and reduce water waste. This lesson is designed to prepare students to understand the important role water plays in our daily lives. In this lesson, students will explore how water is used in our communities, the amount of water people use each day, and the benefits of having access to water. Additionally, students will explore simple water-saving techniques to teach them how to conserve water.

#### **Objectives**

After completing this lesson, students will be able to:

- Define water conservation
- Describe three ways water is used in our communities
- State five ways to use water wisely
- Identify the benefits of saving water

### ***Be Kind to Your Water, Grades K-8***

#### **Summary of Lesson**

Throwing litter in the streets or storm drains can create an eyesore in the community. Trash and debris also harm the health of our waterways and aquatic life. Human activities such as littering can also contribute to water pollution. Placing trash and recyclables in their proper place can help protect our waterways. In this lesson, students will examine the cause and effects of water pollution. Students will also examine ways to prevent littering and DC Water's role in keeping our local waterways clean.



## Objectives

After completing this lesson, students will be able to:

- Define litter and water pollution
- Explain who or what causes water pollution and where it may be found
- Describe the impact of littering and the importance of clean water
- Discuss how DC Water is keeping our waterways clean for daily use

## ***A Drop's Life (DC Clean Rivers Project), Grades K-5***

### Overview

Clean, healthy waterways are vital to the quality and sustainability of our communities. Reducing pollutants from entering District waterways will greatly improve the condition of the Anacostia and Potomac Rivers. By examining the life of a water drop, students will learn how combined sewer overflows (CSOs) and stormwater runoff enter the District, how various human activities impact the quality of our waterways, and how the DC Clean Rivers Project will help reduce water pollution.

### Objectives

After completing this lesson, students will be able to:

- Define combined sewer overflows and stormwater runoff
- Explain the impact pollution has on water quality
- Give four examples of the kinds of human activities that affect water quality
- Identify the benefits of the DC Clean Rivers Project