

## Elementary School Water Lessons

Town staff members are available to teach water conservation at area schools. Call 469-4090 to schedule any of the lessons listed below.

### **Lesson # 1: Fresh Water on the Earth**

Compare the vast amount of salt water to the limited amount of freshwater.

### **Lesson # 2: How Water is Processed**

Discover how water from Jordan Lake is treated and made drinkable.

### **Lesson # 3: Water Distribution**

Learn how water travels from the Water Treatment Plant to homes and businesses throughout Town.

### **Lesson # 4: The Water Cycle**

See how water continuously moves through the environment in a never-ending cycle.

### **Lesson # 5: Community Water Cycle**

Discover the flow of water and wastewater through the Town of Cary.

### **Lesson # 6: Finding Water Leaks**

Find leaks in your home using simple techniques, including reading your water meter.

### **Lesson # 7: Surface vs. Groundwater**

Compare the differences and similarities between surface and groundwater. Also includes a discussion of point and non-point source pollution.

### **Lesson # 8: Meeting Cary's Water Needs**

Look at Cary's water sources and determine how to meet our long-term water needs.

### **Lesson # 9: Wastewater Treatment**

Learn how sewage is processed and returned to the environment. Includes a discussion of reclaimed water.

### **Lesson # 10: Water Conservation (also the kick off lesson for [Save Lots of Water \(SLOW\)](#)).**

Why it is important to conserve water and how to do it.

**\*\*All lessons are approximately 45 minutes long. The Town of Cary Water Conservation Program will supply materials.**

**\*\*\*Lessons can be adapted for middle and high school classes.**