

## **Basic and Advanced Water Quality Kit New Mexico State Science Standards**

### **GLOBE The Hydrologic Cycle & Riparian Areas**

#### **Grades 5-8**

Strand II Content of Science

Standard I: Physical Science: Benchmarks I, II, III

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

#### **Grades 9-12**

Strand II Content of Science

Standard I: Physical Science: Benchmark II

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

### **GLOBE Transparency**

#### **Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I, II, III

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

#### **Grades 9-12**

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Strand II Content of Science

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

### **GLOBE Electrical Conductivity - EC Pens**

#### **Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I, II, III

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

#### **Grades 9-12**

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Strand II Content of Science

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

**GLOBE Alkalinity - Alkalinity Test Kit**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I, II, III

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

**Grades 9-12**

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Strand II Content of Science

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

**GLOBE Water Temperature - Thermometers**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I, II, III

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

**Grades 9-12**

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Strand II Content of Science

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

**GLOBE Dissolved Oxygen**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I, II, III

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

**Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I, II

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Strand II Content of Science

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

**GLOBE Nitrate**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I, II, III

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

**Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I, II

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Strand II Content of Science

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

**GLOBE pH - pH Pens**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I, II, III

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

**Grades 9-12**

Strand II Content of Science

Standard I: Physical Science: Benchmark I

Strand II Content of Science

Standard II: Life Sciences: Benchmark I

Standard III: Earth and Space Science: Benchmark II

Strand III Science and Society

Standard I: How societies influence scientific investigations and applications: Benchmark I

**Discover a Watershed The Blue Traveller**

**Grades 5-8**

Strand II Content of Science

Standard I: Physical Science: Benchmarks I, II, III

**Grades 9-12**

Strand II

Standard I: Physical Science: Benchmark II

**Healthy Water Healthy People Mapping It Out**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks I

Strand II: Content of Science

Standard III: Earth and Space Science Benchmark II

**Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I

**Healthy Water Healthy People Grab a Gram**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks I, II, III

**Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks II, III

**Healthy Water Healthy People Hitting the Mark**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks I, II, III

**Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks I, II

**Healthy Water Healthy People A Snapshot in Time**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks I

Strand II: Content of Science

Standard II: Life Sciences Benchmark II

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks I

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**Healthy Water Healthy People Turbidity or Not Turbidity**

**Grades 5-8**

Strand II: Content of Science

Standard I: Physical Science Benchmark I, II

Standard II: Life Sciences Benchmark I

Strand III:

Standard I: Earth and Space Science Benchmark I

**Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**Healthy Water Healthy People There is no Point to this Pollution**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks I, II, III

Strand II: Content of Science

Standard I: Physical Science Benchmark I

Standard II: Life Sciences Benchmark I, III

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks II

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**Healthy Water Healthy People Water Quality Windows**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks I

Strand II: Content of Science

Standard I: Physical Science Benchmark II

Standard II: Life Sciences Benchmark I, II

Standard III: Earth and Space Science Benchmark II

**Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

## **Basic Aquatic Life**

### **Discover a Watershed The Blue Traveller**

#### **Grades 5-8**

Strand II Content of Science

Standard I: Physical Science: Benchmarks I, II, III

### **Aquatic WILD Blue Ribbon Niche**

#### **Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks II

Strand II: Content of Science

Standard II: Life Sciences Benchmark I, II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **Aquatic WILD Fishy Who's Who**

#### **Grades 5-8**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I, II

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **Aquatic WILD Fashion a Fish**

#### **Grades 5-8**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I, II

### **Healthy Water Healthy People Water Quality Windows**

#### **Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks I

Strand II: Content of Science

Standard I: Physical Science Benchmark II

Standard II: Life Sciences Benchmark I, II

Standard III: Earth and Space Science Benchmark II

### **Healthy Water Healthy People Invertebrates as Indicators**

#### **Grades 5-8**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I, II, III

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **Arizona Wildlife Views Videos**

#### **Grades 5-8**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I, II, III

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**WILD Dragonfly Pond**

**Grades 5-8**

Strand II Content of Science

Standard I: Physical Science: Benchmarks II

Standard II: Life Sciences Benchmark I, II

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**Aquatic WILD To Dam or Not to Dam**

**Grades 5-8**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I, II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**Advanced Aquatic Life**

**Discover a Watershed The Blue Traveller**

**Grades 9-12**

Strand II

Standard I: Physical Science: Benchmark II

**Aquatic WILD Blue Ribbon Niche**

**Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

**Aquatic WILD To Dam or Not to Dam**

**Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**Healthy Water Healthy People Water Quality Windows**

**Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

**Healthy Water Healthy People There is no Point to this Pollution**

**Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks II

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **Healthy Water Healthy People Benthic Bugs and Bioassessment**

### **Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmarks I

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **Arizona Wildlife Views Videos**

### **Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **Introduction to Watershed Processes Kit**

## **Incredible Journey of the Colorado River**

### **Grades 5-8**

Strand II: Content of Science

Standard I: Physical Science Benchmark I, II

Standard II: Life Sciences Benchmark I

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **Branching Out**

### **Grades 5-8**

Strand II: Content of Science

Standard I: Physical Science Benchmark II

Standard II: Life Sciences Benchmark I

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **River Talk**

### **Grades 5-8**

Strand II: Content of Science

Standard I: Physical Science Benchmark I

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **Choices & Preferences, Water Index**

### **Grades 5-8**

Strand II: Content of Science

Standard III: Earth and Space Science Benchmark II

## **Pass the Jug**

### **Grades 5-8**

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **Sum of the Parts**

#### **Grades 5-8**

Strand II: Content of Science

Standard I: Physical Science Benchmark I, II

Standard II: Life Sciences Benchmark I

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **The Watershed Manager**

#### **Grades 5-8**

Strand II: Content of Science

Standard I: Physical Science Benchmark II

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **Seeing Watersheds and Blue Beads: The Colorado River**

#### **Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark III

Strand II: Content of Science

Standard I: Physical Science Benchmark I

Standard III: Earth and Space Science Benchmark II

### **Advanced Watershed Processes Kit**

### **Branching Out**

#### **Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **Seeing Watersheds and Blue Beads: The Colorado River**

#### **Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark III

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Standard III: Earth and Space Science Benchmark II

### **Incredible Journey of the Colorado River**

#### **Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **River Talk**

### **Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **One River Many Voices**

### **Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **Back to the Future**

### **Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I, III

Strand II: Content of Science

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **Your Hydrologic Bank Account**

### **Grades 9-12**

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **River Reflections**

### **Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark II

Strand II: Content of Science

Standard I: Physical Science Benchmark I

Standard II: Life Sciences Benchmark I

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **First Come, First Served**

### **Grades 9-12**

Strand II: Content of Science

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **Color Me a Watershed**

### **Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I, III

Strand II: Content of Science

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **On the Edge**

#### **Grades 9-12**

Strand II: Content of Science

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

## **NM State Standards for Basic Urban Hydrology Kit**

### **The Blue Traveler**

#### **Grades 5-8**

Strand II Content of Science

Standard I: Physical Science: Benchmarks I, II, III

### **Southwest Water Cycle Diagram**

#### **Grades 5-8**

Strand II: Content of Science

Standard I: Physical Science Benchmark I, II

Standard II: Life Sciences Benchmark I

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **Walking in the Watershed**

#### **Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark II

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **Excuse Me, Is This the Way to the Drainpipe?**

#### **Grades 5-8**

Strand II: Content of Science

Standard I: Physical Science Benchmark II

Standard II: Life Sciences Benchmark I, III

Standard III: Earth and Space Science Benchmark II

### **A-maze-ing Water**

#### **Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark II

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**Fred the Fish and Urban Stew**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark II

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**The Case of the Mysterious Renters**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark I, III

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**Poison Pump**

**Grades 5-8**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark II, III

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**Wet-Work Shuffle**

**Grades 5-8**

Strand II: Content of Science

Standard I: Physical Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**NM State Standards for Advanced Urban Hydrology Kit**

**The Blue Traveler**

**Grades 9-12**

Strand II: Content of Science

Standard I: Physical Science: Benchmark II

**Southwest Water Cycle Diagram**

**Grades 9-12**

Strand II: Content of Science

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

**Walking in the Watershed**

**Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **Biography of a River**

**Grades 9-12**

Strand II: Content of Science

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **Wastewater Treatment**

**Grades 9-12**

Strand II: Content of Science

Standard III: Earth and Space Science Benchmark II

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **Color me a Watershed**

**Grades 9-12**

Strand I: Scientific Thinking and Practice

Standard I: Benchmark II

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **Wet-Work Shuffle**

**Grades 9-12**

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **The Price is Right**

**Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I

### **A Grave Mistake**

**Grades 9-12**

Strand II: Content of Science

Standard II: Life Sciences Benchmark I

Strand III: Science and Society

Standard I: How societies influence scientific investigations and applications Benchmark I