

## **Urban Watershed - Drinking Water (HS Day 2 of 2-Day Option)**

## **Phinizy Center for Water Sciences**

### **Rubrics**

#### **Level 4**

- Student understands the source of our drinking water and can explain Augusta's process of taking raw water through chemical and physical treatment to become potable water.
- Student understands the demands on our nation's rivers, realizes that everyone is a user from the headwaters to the mouth which creates a need for water allocation, understands the value of ample fresh water downstream, and can list multiple uses our rivers provide.
- Student understands that the boundaries of all watersheds are determined by topography, can determine stream directional flow using topography maps, and delineate some watershed boundaries.

#### **Level 3**

- Student understands the source of our drinking water and can explain most of Augusta's process of taking raw water through chemical and physical treatment to become potable water.
- Student understands the demands on our nation's rivers, realizes that everyone is a user from the headwaters to the mouth, and can list a few uses our rivers provide.
- Student understands that the boundaries of all watersheds are determined by topography, can determine stream directional flow using topography maps, and but is not able to delineate watershed boundaries.

#### **Level 2**

- Student is unsure of the source of our drinking water and can only partially explain Augusta's process of taking raw water through chemical and physical treatment to become potable water.
- Student understands the demands on our nation's rivers but does not comprehend that everyone is a user from the headwaters to the mouth, and can only list one or two uses our rivers provide.
- Student understands that the boundaries of all watersheds are determined by topography but have trouble determining stream directional flow and watershed boundaries using topography maps.

#### **Level 1**

- Student is unsure of the source of our drinking water and can not explain Augusta's process of taking raw water through chemical and physical treatment to become potable water.
- Student does not understand the demands on our nation's rivers, does not comprehend that everyone is a user from the headwaters to the mouth, and can only list one or two uses our rivers provide.
- Student has trouble understanding the concept of topography maps and watersheds.