

## Rubrics

### Level 4

- Student can list at least seven places where water can be found in the water cycle and which of the 3 states of water would be at that location as well as list at least four processes that move water from one location to another.
- Student understands that an urban setting changes the water cycle, can list at least five places water can be found in an urban setting, and describe how these urban locations affect our water supply.
- Student can describe approximately how much of the Earth's surface is covered in water, list at least four places where water is not readily available as drinking water, and understands that even with this large amount of water our available fresh water is in limited supply.
- Student can accurately describe a watershed, define point source versus non-point source pollution within the watershed, give more than four examples of non-point source pollution, and list at least five solutions to watershed pollution.

### Level 3

- Student can list at least five places where water can be found in the water cycle and which of the 3 states of water would be at that location as well as list at least two processes that move water from one location to another.
- Student understands that an urban setting changes the water cycle, can list at least three places water can be found in an urban setting, and describe how some of these urban locations affect our water supply.
- Student can describe approximately how much of the Earth's surface is covered in water, list at least two places where water is not readily available as drinking water, and understands that even with this large amount of water our available fresh water is in limited supply.
- Student can accurately describe a watershed, define point source versus non-point source pollution within the watershed, give more than two examples of non-point source pollution, and list at least three solutions to watershed pollution.

### Level 2

- Student can list at least two places where water can be found in the water cycle and which of the 3 states of water would be at that location, but has trouble listing the processes that move water from one location to another.
- Student begins to understand that an urban setting changes the water cycle, can list at least one place water can be found in an urban setting, but has trouble describing how some of these urban locations affect our water supply.
- Student understands that much of the Earth's surface is covered in water but is unsure how much and can only list two places where water is not readily available as drinking water.
- Student can start to describe a watershed, mention two sources of pollution as point source and non-point source pollution, but is unable to give an example of non-point source pollution and can only list at least one or two solutions to watershed pollution.

### Level 1

- Student can list at least two places where water can be found in the water cycle and which of the 3 states of water would be at that location, but has trouble listing the processes that move water from one location to another.
- Student has trouble understanding that an urban setting can change the water cycle, can list only one or two places water can be found in an urban setting, and can not understand how some of these urban locations affect our water supply.
- Student understands that much of the Earth's surface is covered in water but is unsure how much and can only list one place where water is not readily available as drinking water.
- Student does not understand the watershed concept and can not describe the difference between point source and non-point source pollution, or list any solutions to watershed pollution.