

From the Mountains to the Estuary: From the Schoolyard to the Bay

**Meaningful Watershed Experiences
for Grade 6 Students**

Created by:



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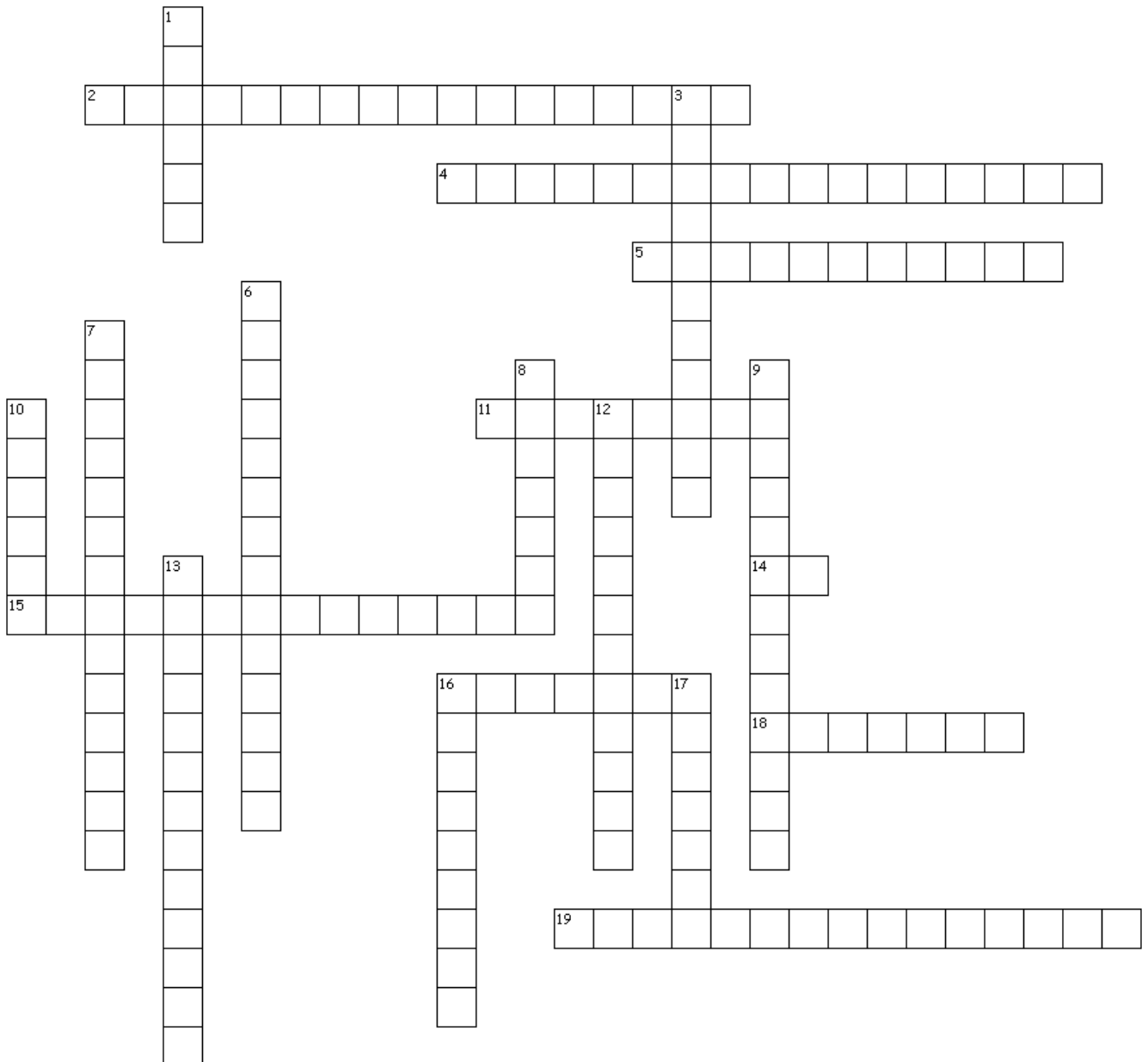
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**Occoquan Bay National Wildlife Refuge
Manassas Battlefield National Park**



Wonders of Watersheds Vocabulary



Puzzle Clues: Wonders of Watersheds Vocabulary

Across

2. A resource that is naturally replaced in a relatively short time.
4. Organisms without a backbone that are large enough to see with the naked eye.
5. A specific source of pollution that can be identified, such as a pipe.
11. Water that is partly salty and partly fresh, characteristic of estuaries.
14. How acidic or basic a substance is, measured on a scale from 1-very acidic, to 14- very basic.
15. The process by which nutrients in a lake build up over time, causing an increase in the growth of algae.
16. An area of land that is covered by a shallow layer of water during some or all of the year.
18. A substance composed of a single kind of atom, which cannot be broken down into other substances.
19. The difference in elevation from one contour line to the next.

Down

1. Water that flows over the ground surface rather than soaking into the ground.
3. A line on a topographic map that connects points of equal elevation.
6. A map that shows the surface features of an area.
7. A widely spread source of pollution such as road runoff, which is difficult to link to a specific origin.
8. The process by which water, wind, ice, or gravity moves fragments of rock and soil.
9. The largest estuary in the United States.
10. A ridge of land that separates one watershed from another.
12. The process of using a resource wisely so it will not be used up.
13. The amount of one substance in a certain volume of another substance.
16. The area of land that supplies water to a river system.
17. A water shortage caused by periods of low precipitation.

Puzzle Clues: Wonders of Watersheds Vocabulary

Across

2. A resource that is naturally replaced in a relatively short time. – renewable resource
4. Organisms without a backbone that are large enough to see with the naked eye.-
macroinvertebrate
5. A specific source of pollution that can be identified, such as a pipe.-point source
11. Water that is partly salty and partly fresh, characteristic of estuaries.-brackish
14. How acidic or basic a substance is, measured on a scale from 1, very acidic, to 14, very basic.-pH
15. The process by which nutrients in a lake build up over time, causing an increase in the growth of algae.-eutrophication
16. An area of land that is covered by a shallow layer of water during some or all of the year.-wetlands
18. A substance composed of a single kind of atom, which cannot be broken down into other substances.-element
19. The difference in elevation from one contour line to the next.-contour interval

Down

1. Water that flows over the ground surface rather than soaking into the ground.-runoff
3. A line on a topographic map that connects points of equal elevation.-contour line
6. A map that shows the surface features of an area.-topographic map
7. A widely spread source of pollution such as road runoff, which is difficult to link to a specific origin.-nonpoint source
8. The process by which water, wind, ice, or gravity moves fragments of rock and soil.-
erosion
9. The largest estuary in the United States.-Chesapeake Bay
10. A ridge of land that separates one watershed from another.- divide
12. The process of using a resource wisely so it will not be used up.-conservation
13. The amount of one substance in a certain volume of another substance.-concentration
16. The area of land that supplies water to a river system. –watershed
17. A water shortage caused by periods of low precipitation.-drought