

Section 1.

History of the Movement of Water

The two types of drinking water are _____ water and _____ water.

Name one of the ways that was presented to move water from one point to another.

In the presentation, what group of people brought water into the desert? Choose one.

- A Egyptians
- B Romans
- C Nabataeans
- D Martians

Section 2

Where Does Our Water Come From?

Surface Water

1. Name one of the 2 reservoirs that stores drinking water in our watershed: _____
2. When surface water becomes dirty with dirt from stormy weather what is used to clean the water? _____
3. Is the water from both reservoirs treated? _____ And, what is it treated for?

4. How long does it take to get a rain drop of water from the reservoir to you?

Groundwater

1. What removes groundwater from the ground? _____
2. Does groundwater connect to:
a)Lakes b) Rivers c) both
3. Name something that can block groundwater from seeping into the ground?

4. Do cities test their groundwater? _____

Section 3

What is an Aquifer

1. Which of the following best describe an “aquifer”?
 - a) The area than rain lands on the ground.
 - b) The area that a creek flows over the ground
 - c) The area underground that ground water flows

 2. What is the name of the process that cleans and purifies water as it flows into the ground?
 - a) Infiltration
 - b) Purification
 - c) Precipitation

 3. Which type of soil would water flow faster through?
 - a) Cobble and large rocks
 - b) Gravel
 - c) Sand

 5. Which of the following would help make sure our drinking water remains pure?
 - a) Prevent toxic oils from getting into creeks and streams
 - b) Don’t over fertilize lawns and gardens
 - c) Properly dispose and recycle electronics and batteries to keep them out of land fills where they can leak into the ground
 - d) All the above can help keep our ground water pure
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Section 4

How Do We Collect Water?

What moves water upward in a modern day well? _____

Why do water districts put water in large tanks? Choose one.

- a) Because it is fun
- b) To store water for periods of heavy water use
- c) They want to keep all the water for themselves

Discussion Topics

1. What are some ways you already help conserve water throughout the year?
2. How do you like to help keep your own backyard, parks, and community clean and safe to protect ground water?

Answer Key:

Section 1 -History of the Movement of Water

1. Surface Water and Groundwater
2. Ditch, pipe, aqueduct, containers
3. c) Nabataeans

Section 2- Where Does Water Come From?

Surface Water

1. Tolt Reservoir or Cedar River Reservoir
2. Filter
3. Yes, micro-organisms, virus
4. 3 Weeks

Ground Water

1. Well
2. c) Both
3. Roads, sidewalks, buildings, basketball courts, parking lots
4. Yes

Section 3 -What is an aquifer?

1. c) The area underground that ground water flows
2. a) Infiltration
3. c) Sand
4. d) All of the above can help keep our ground water pure.

Section 4- How Do We Collect Groundwater?

1. Pump
2. b) to store water for periods of heavy water use