

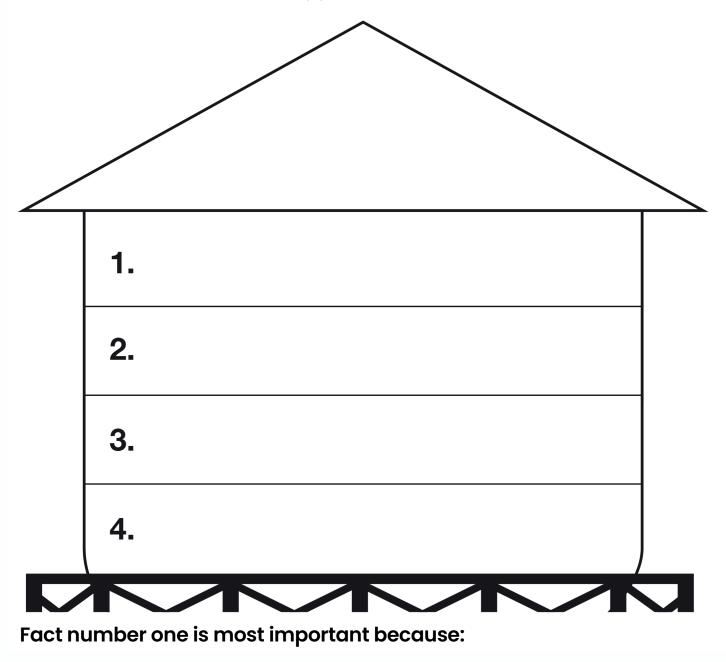
# Lesson 1

# Water Towers Fact Finder Activity

Elevated storage tanks, also known as water towers, are found in almost every town. They are very important for helping create water pressure to be able to send water to your home.

### Instructions:

Fill the water tower with four important facts from the video you just viewed. Put the most important fact at the top in the number one section with the least important fact at the bottom in the fourth section. Then, explain why you chose the first fact as the most important.









## When Water Stops Flowing Math Activity

Unexpected storms or breaks in pipelines can cause water to stop flowing. FEMA recommends planning for at least three days without water in case of an emergency. One person drinks about one gallon of water a day.

### Instructions:

Read each scenario below and find out how many gallons of drinking water need to be stored to properly prepare for a water interruption for three days. Shade in the correct number of containers that need to be added together to find the answer. Write the answer on the line.

### **Drinking Water for 1 Person for 3 Days**



Drinking Water For A Family of 3 for 3 Days



Drinking Water For A Family of 3 and 1 pet for 3 Days



BONUS: The Martinez family wants to be prepared incase of a water interruption in their home. There are four people in the family and they have a cat and a dog. How many gallons of drinking water should they store for at least three days?



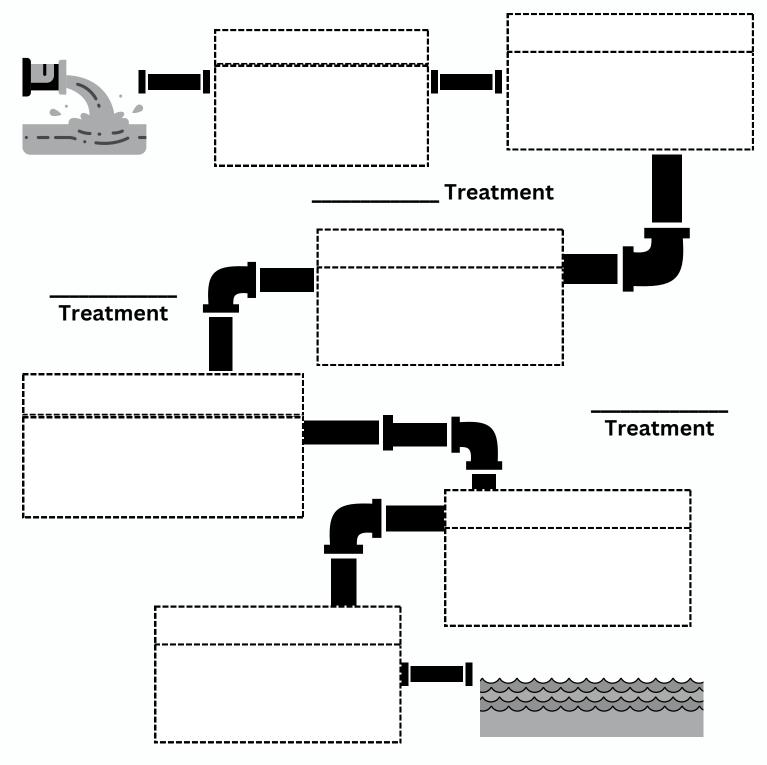
Lesson 3

Date:\_

## Where Does Wastewater Go? Diagram Activity

### Instructions:

After viewing the "Wastewater Treatment" video, complete the diagram below showing the entire process. You may need to view the video more than once. When you are ready to begin the diagram, start by cutting the definitions, symbols and the terms found on the following page and gluing them in the correct order below. Remember to fill in the primary, secondary, and tertiary treatment stages of the water treatment process on the empty lines.

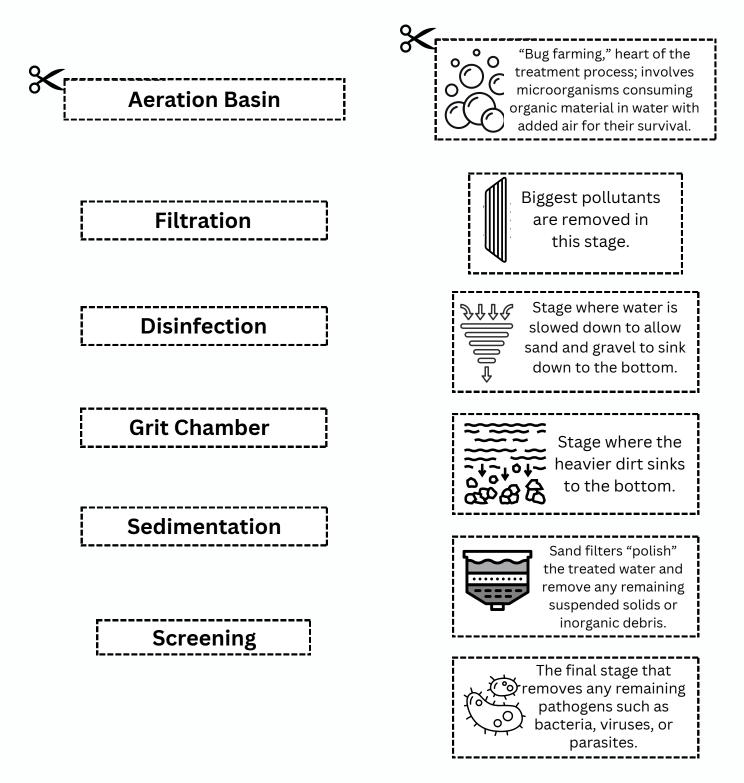




## Where Does Wastewater Go? Diagram Activity

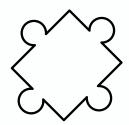
### Instructions:

Cut these definitions, symbols and terms and glue them in the correct order on the diagram activity page. Remember to fill in the *primary, secondary*, and *tertiary* treatment stages of the water treatment process on the empty lines.





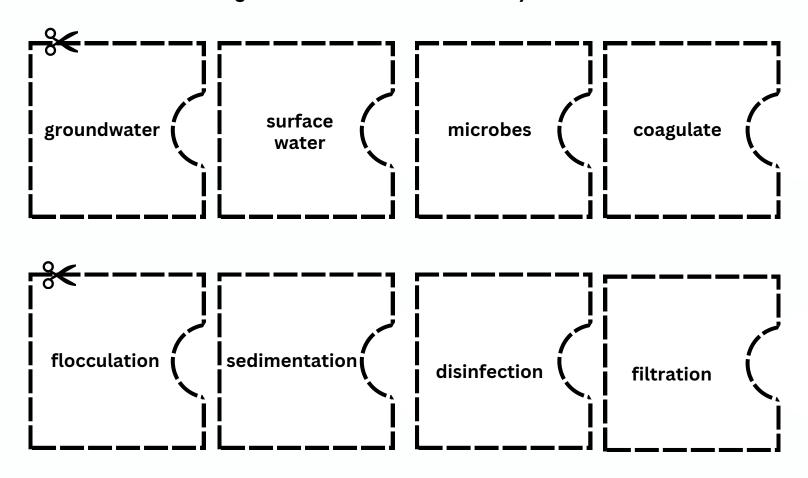
## Treating Drinking Water Vocabulary Match



### Instructions:

Lesson 4

After viewing the "Water Treatment" video, show what you have learned with this interactive vocabulary matching puzzle activity. Cut out each puzzle piece and pair each vocabulary term with its respective definition. As an extension, consider drawing an illustration on the reverse side of the puzzle piece to visually represent the definition. Test your understanding by connecting the terms to the corresponding images.



**Drinking Water Treatment Vocabulary Terms** 

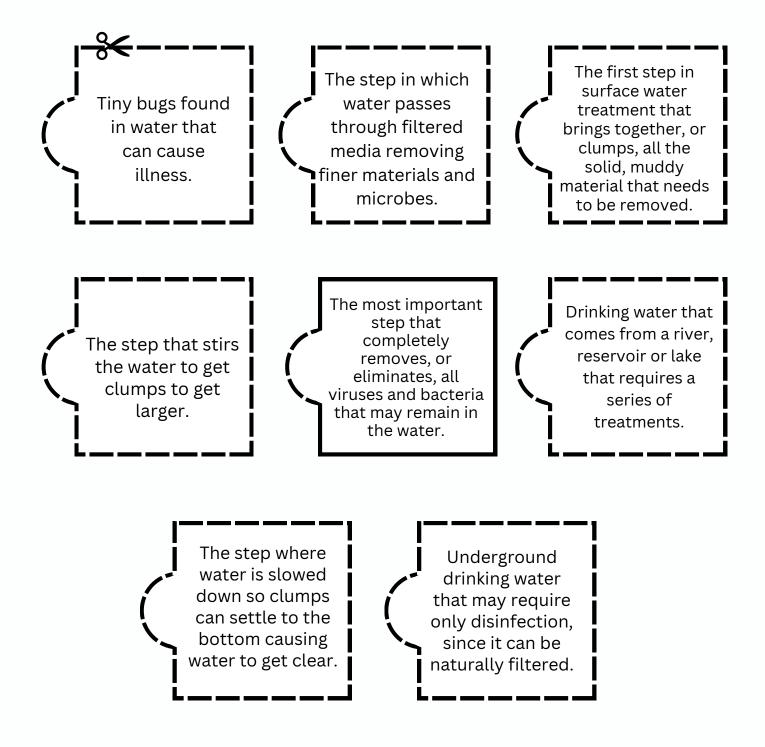


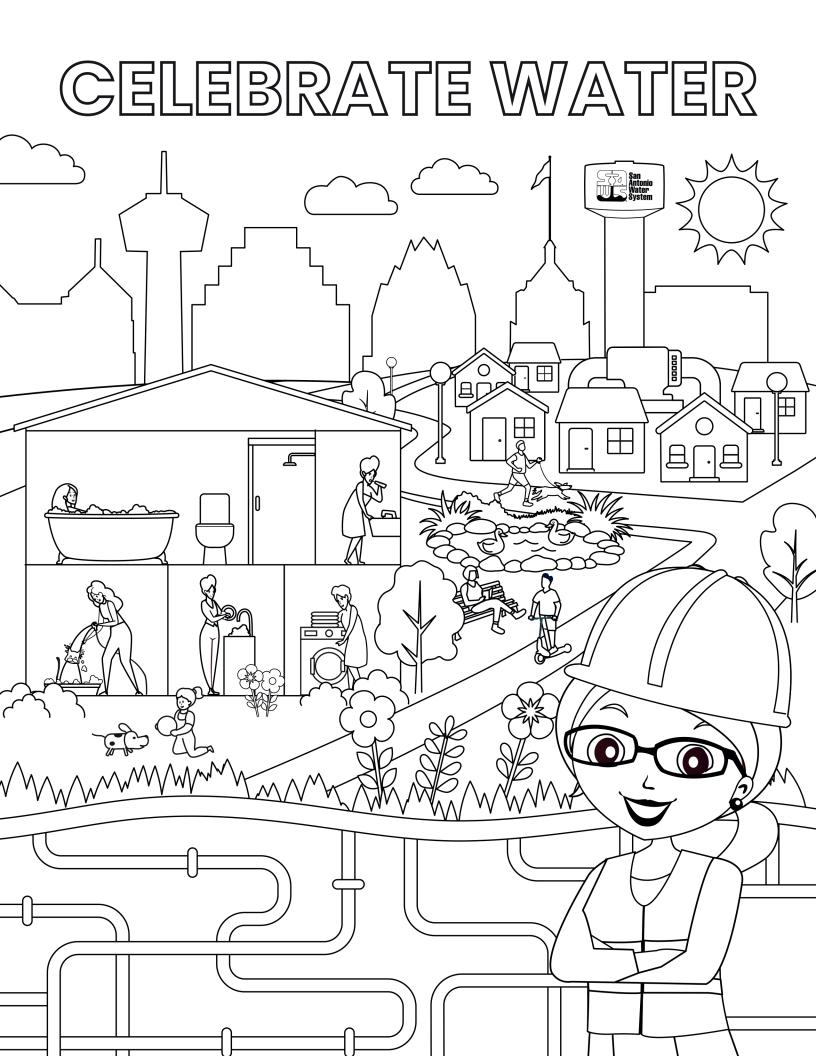
Lesson 4

## Treating Drinking Water Vocabulary Match



### Drinking Water Treatment Vocabulary Definitions









## Everyone Lives in a Watershed Two Truths and a Lie

### Instructions:

After viewing the "Watersheds" video, follow the three steps below. Begin by writing three sentences about watersheds and how to protect them. Two sentences must be true and one must be false. You may need to view the video more than once.

#### Step 1

1
---

2

3

### Step 2

Write a paragraph about watersheds. Make sure to include the correct answer to the lie.

#### Step 3

You get to be the teacher in this step. Give this handout to another learner so they can determine which sentences are true and which is false, using your paragraph as a clue. Did they get the answer right?