

## WATERY EARTH QUIZ 4 STUDY GUIDE

-Content from Lessons 9 & 10-

**Student Reference Book:** pages 97-162

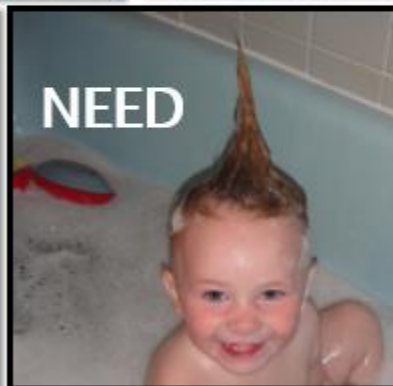
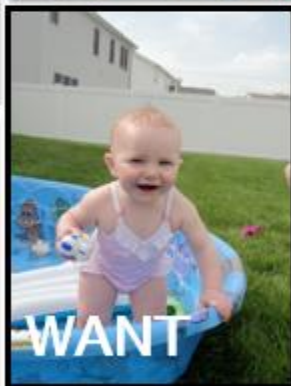
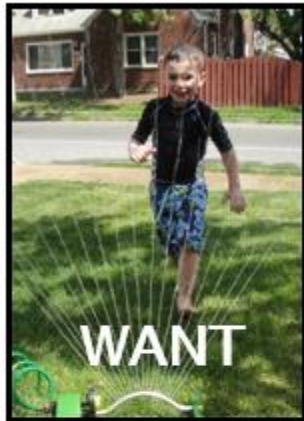
### Vocabulary:

1. Disinfect: To kill harmful bacteria, viruses and other organisms.
2. Reservoir: A place the community water supply system uses to store water before sending it to homes or businesses.
3. Septic System: Usually a tank under the ground that holds wastewater.
4. Wastewater: Water that has been used and needs to be cleaned.
5. Wastewater Treatment Plant: A place where wastewater is filtered and cleaned before going back into the water cycle.
6. Water Treatment Plant: A place where fresh water is filtered and cleaned before going to a community for its water supply.
7. Well: A hole dug in the ground so that groundwater can be pumped out of an aquifer.
8. Need: Something an organism must have in order to stay alive.
9. Want: Something an organism would like to have, but can survive without.

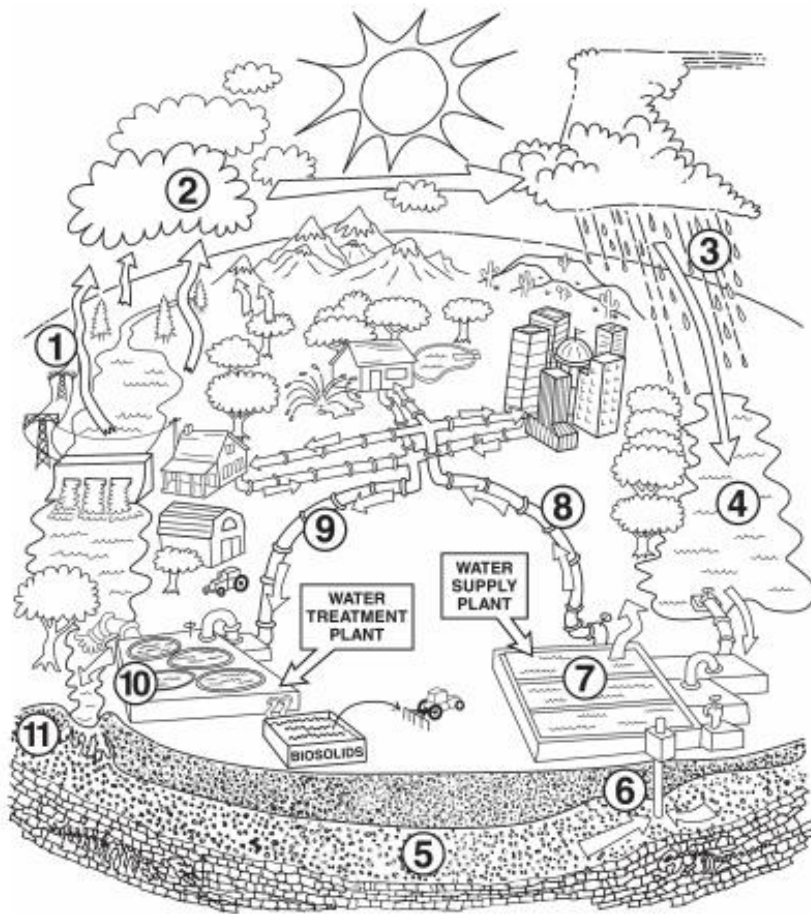
\*For online practice with these words, please visit the Quizlet at <https://quizlet.com/4bz9zp>

### Thing to Know:

1. Water is a natural resource that is essential for humans and other organisms.
2. To use water, we must develop ways to access it and clean it.
3. Sometimes humans use more water than they need.



4. Be able to match the numbers below to Steps in the Process.



## City Water Steps in the Process

1. Water evaporates from surface water and the ground.
2. Water vapor rises and then condenses to form clouds.
3. Precipitation falls to surface water and the ground.
4. Surface water accumulates and acts as a reservoir for the city.
5. Groundwater accumulates and acts as a reservoir for the city.
6. Water is pumped from surface water and groundwater to a water supply plant.
7. Water supply plant cleans and stores water.
8. Water supply system pipes water to homes and businesses.
9. After use, wastewater system pipes wastewater to a treatment plant.
10. Wastewater treatment plant cleans wastewater.
11. After treatment, water is piped to open ground or a body of water.

### Video Links:

1. "Needs Versus Wants" <https://www.youtube.com/watch?v=J8P3sCooGq0>
  2. "The Sewage Treatment Process" <https://www.youtube.com/watch?v=8isir9nSDCK4>
-