

Chapter 2 – Freshwater Resources

Students will discuss the supply and demand of freshwater.
Students will learn about the treatment of drinking and wastewater.
Students will describe freshwater pollution and treatment.
Students will discuss what happens in floods and droughts.
Students will learn how water is used to generate electricity.



Please answer the following questions on notebook paper. Number the answers to match the questions. Thank you!

1. Define the following terms: irrigation, conservation, desalination.
2. Describe ways people use water.
3. Give ways that water can be conserved.
4. Describe possible sources for water in the future.
5. Define the following terms: water quality, concentration, pH, hardness, filtration, coagulation, sewage.
6. Describe what factors affect water quality.
7. Describe why water is treated before we drink it.
8. Describe what happens to wastewater in most communities.
9. Define the following terms: water pollution, pollutant, point source, nonpoint source, pesticide, acid rain.
10. Describe how sources of pollution are classified.
11. Identify three sources of water pollution.
12. Give the two parts of the solution to water pollution.

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13. Define the following terms: drought, flash flood, levee.
14. Describe how the dangers from a flood can be reduced.
15. Define the following terms: kinetic energy, potential energy, hydroelectric power.
16. Describe how the energy from moving water can be used to produce electricity.
17. Describe advantages and disadvantages of hydroelectric power plants.