

Chapter 1 – Earth: The Water Planet

Students will learn the properties of water.
Students will discuss how people depend on water.
Students will study types of surface water.
Students will investigate the importance of wetlands.
Students will describe groundwater.



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

1. Define the following: polar molecule, surface tension, capillary action, solution, solvent, evaporation, condensation, specific heat.
2. Describe the chemical structure of water molecules that cause them to stick together.
3. Describe some of water's unique properties.
4. Name the 3 states of matter in which water exists on Earth.
5. Define the following key terms: photosynthesis, habitat, groundwater, water cycle, transpiration, precipitation.
6. List ways people and other living things use water.
7. Describe how water is distributed on Earth.
8. Illustrate the movement of water through the water cycle.
9. Using Figure 11 on page 20, make a sketch below of a river system. Define and label the following terms: headwaters, tributary, flood plain, oxbow lake, meander, mouth.
10. Define a river system.
11. Describe how ponds and lakes form.
12. Describe seasonal changes in a lake.

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13. Describe common types of freshwater wetlands.
14. Discuss the human impact on the Florida Everglades.
15. Describe important functions of wetlands.
16. Write a paragraph describing why we should protect wetlands.
17. Define the following key terms: permeable, impermeable, saturated zone, unsaturated zone, water table, aquifer, artesian well.
18. Illustrate how water moves through underground layers of soil and rock.
19. Describe how people obtain water from an aquifer.