Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Chapter 11 Lesson 2**

*Page 408 and 409 The Water Cycle*

* Read the focus skill, keep this in mind when reading this section.
* Read this page independently.
* After reading, answer the questions and fill in the diagram.
1. Why is the water cycle important?

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2. What are the three states of water?

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3. What is the difference between evaporation and condensation?

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4. From where on Earth does evaporation occur?

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5. When does condensation occur?

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6. What happens when a large amount of water condenses?

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7. When will water fall from the sky?

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8. When water falls from the sky, it can fall into streams, rivers, and lakes. What happens to the water that falls on land?

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9. What is the source of energy for the water cycle? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. Label the diagram below with the following labels: condensation, evaporation, precipitation

*Page 410 and 411 Clouds and Precipitation*

* Read the focus skill. Keep this in mind when reading this section.
* Read the section as a class.
* While reading, answer the questions below.

11. What is humidity?

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12. Which air can be more humid (warm or cold)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How do you know?

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13. How does a cloud form?

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14. What are the four main types of precipitation?

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15. How does snow form?

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16. How do sleet and hail form?

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17. How does dew form?

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18. What are the three main types of clouds?

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19. What kind of weather does each kind of cloud bring?

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20. Label each type of cloud below.

*Page 412 Factors That Affect the Water Cycle*

* Read the focus skill. Keep this in mind when reading this section.
* Read the section independently.
* After reading, answer the questions below.

21. How does a place’s distance from Earth’s poles and the equator affect the water cycle?

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22. How do mountains cause air to cool?

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23. What is a spring melt?

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24. How can a sea breeze cause rain to fall?

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25. Warm air has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pressure than cold air. Warm air can have more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in it than cold air. Any factor that causes a change in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can cause a change in the water cycle.