

Name _____

Date _____



The Water Cycle

Higher Level Thinking Assessment



Directions: Complete 30 points in answers on a separate sheet of paper. Place a checkmark by the choices that you complete. The due date is _____.

Knowledge (5 points each)

_____ Define the terms *energy* and *matter*. Tell where the water cycle gets its energy. List five things in the Water Cycle Model that would be considered matter.

_____ Define the term *water cycle*. Explain the meanings for each of the six major processes that take place in the water cycle.

Comprehension (10 points)

_____ Write a paragraph that explains how the water cycle works in the outdoors. Use all six water cycle terms in your response.

Application (15 points)

_____ Write a paragraph that explains two ways that energy flows and two ways that matter cycles in your front yard.

Analysis (20 points)

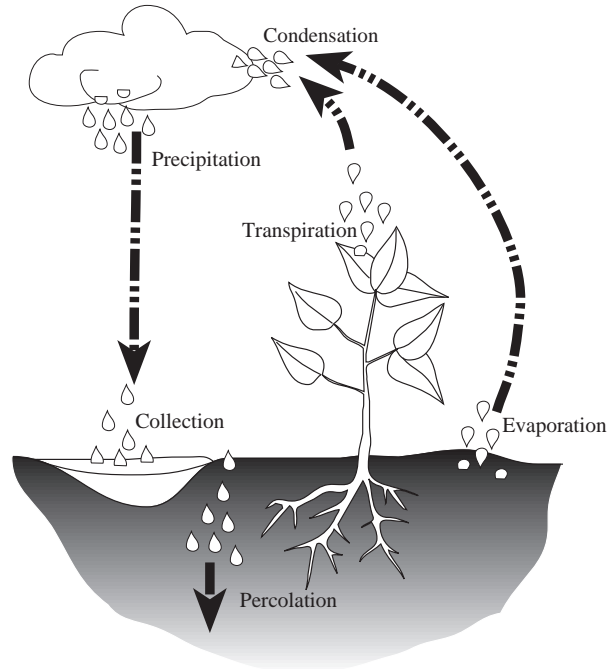
_____ Brainstorm a list of 15 ways your family uses water and 15 ways your family could reduce water use to minimize water pollution. Write a contract for your family that will put three of these ideas into practice. Report back to the class after three weeks to let them know how your contract worked.

Synthesis (25 points)

_____ Create a song, poem, or rap that illustrates the water cycle. A 25-point response will use the following words in a meaningful way: evaporation, condensation, precipitation, collection, percolation, and transpiration. Be prepared to present your artistic creation to the class.

Evaluation (30 points)

_____ Address this statement: "If we're not careful, one day the Earth will run out of water." Write a 100+ word response that uses research to support your informed opinion. Complete a Main Ideas With Support prewrite sheet and turn it in with your final copy. Complete a bibliography card for each resource used.



Name _____

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Main Ideas with Support Prewrite Sheet



Directions: Complete this sheet to prepare for paragraph writing. Each main idea sentence needs an additional support sentence to give more details.

Topic Sentence _____

1st Idea _____

1st Support _____

2nd Idea _____

2nd Support _____

3rd Idea _____

3rd Support _____

Conclusion Sentence _____

If you have more than three ideas, use additional paper!