The Water Cycle

Water Assessment

Name: _______________________

Date: _______________________

SCIENCE LITERACY
MOHSES
NEBRASKA COLLABORATIVE
1. Which hill would water flow down fastest? *Circle your answer.*

2. a. How does water change the hill as it runs down?

   b. Why does water change the hill as it runs down?

3. Which raindrop would flow down a hill slowest? *Circle your answer.*

4. What force causes water to move down a hill? *Circle your answer.*
   
   A. Gravity
   B. Air
   C. Temperature
   D. None
5. Place an X next to each change that is part of the water cycle.

   _______ Ice changes to water
   _______ Water changes to ice
   _______ Water vapor changes to liquid water
   _______ Liquid water changes to water vapor

6. As the temperature increases what happens to water? Circle your answer.
   a. Nothing
   b. Water vapor changes to liquid water
   c. Liquid water changes to water vapor
   d. Water changes to ice

7. In the picture below, label all the places where evaporation occurs with an E and all the places condensation occurs with a C.
8. a. **How** does temperature change water in the water cycle?

b. **Why** does temperature change water in the water cycle?

9. a. Place a **one** next to the Earth material where water would move through the fastest, place a **two** next to the Earth material where water would move more slowly and place a **three** next to the Earth material where water would not move through.

b. **Why** does water move differently through these three Earth materials?
10. What **force** causes water to move down a hill? *Circle your answer.*

A. Air  
B. Temperature  
C. Gravity  
D. None

11. a. **What** Earth material would Iowa farmers want to plant their corn?  

   b. **Why** would Iowa farmers want to plant corn in this Earth material?

12. Order the Earth materials from one to four. Give a **one** to the Earth material with the **MOST** space between the particles, a **two** with the material with a little less space, a **three** with even more less space and a **four** with the **LEAST** space between the particles.

   _____ Gravel  
   _____ Sand  
   _____ Soil  
   _____ Solid Rock