

# The Water Cycle

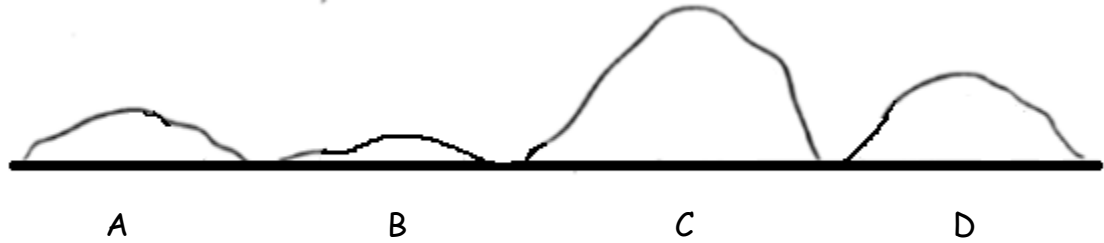


## Water Assessment

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

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

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

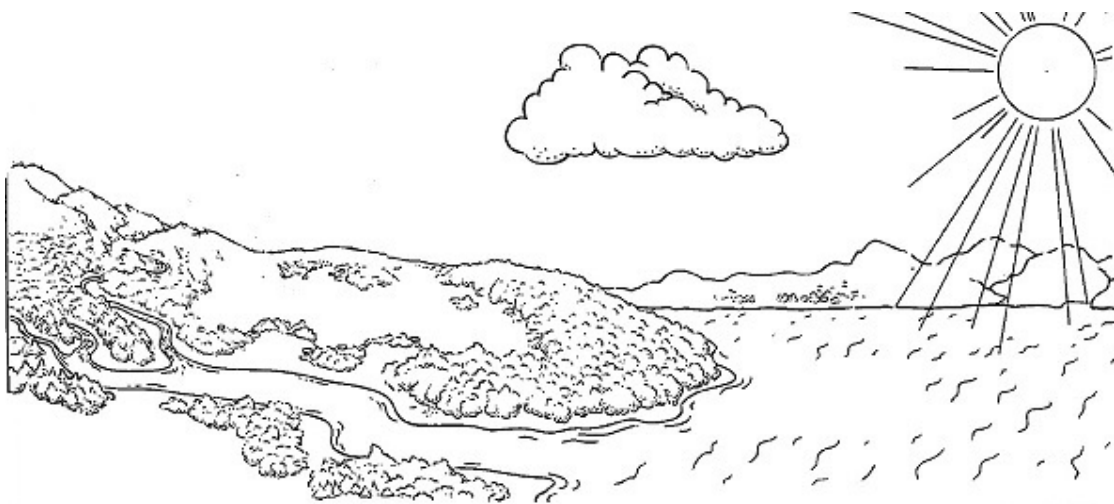
\_\_\_\_\_ Water vapor changes to liquid water

\_\_\_\_\_ Liquid water changes to water vapor

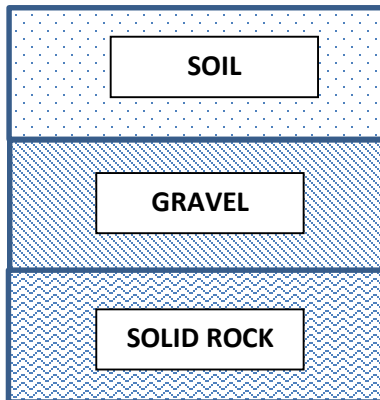
6. As the **temperature increases** what happens to water? *Circle your answer.*

- 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