

Acid Rain

Materials:

- Cup of water
- Cup of vinegar
- Two pieces of chalk
- Tweezers or tongs
- Magnifying glass
- Paper towel



Procedure

1. Break one piece of chalk in half.
2. Weigh each piece of chalk.
3. Write the weight of the first chalk and label it sample A.
4. Write the weight of the second chalk and label it sample B.
5. Place chalk sample A in the cup with water.
6. Place chalk sample B in the cup with vinegar.
7. Set your timer for 5 minutes.
8. Record your observations of the pieces of chalk in each of the cups.
9. After the 5 minutes, use the tongs to remove each piece of chalk and place them on a paper towel.
10. Weigh them again. Record your findings.
11. Use the magnifying glass to observe the changes that occurred to each piece of chalk.
12. Analyze your data.

How do chemicals in rain water affect weathering?