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Acid Rain in a Micro-Environment Demonstration Worksheet

Discussion Questions

1. Describe what happened in this demonstration.

2. Write a balanced chemical equation for each of the following reactions.
   a. The reaction of copper metal with nitric acid

   b. The reaction of nitrogen dioxide in water

   c. The reaction of sulfur dioxide in water

3. What effect did the limestone marble chips have on the "pond?"

4. What is acid rain? Give one detrimental effect of acid rain and one way we can prevent it.

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