



## **THE EFFECT OF ACID RAIN ON LIMESTONE**

**UPLOAD YOUR ANSWERS TO THE PRE-LAB  
QUESTIONS FOR A CLASSWORK GRADE- DUE  
TUES 11/24**

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PRE-LAB QUESTIONS FOR A  
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## Problem Statement:

What is the effect of acid rain on limestone?

**Hypothesis:** Write out your hypothesis for this lab. What do you think vinegar (acid) will do to the limestone? (hint: use the information on the right).

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## Pre-lab Questions:

1. What is acid rain?

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2. Why is acid rain bad for the environment?

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## WHAT IS ACID RAIN?

Our rainwater is becoming more acidic as greenhouse gas emissions rise. These gases can react with the rainwater to make the rain more acidic. For example,  $\text{CO}_2$  can react with rainwater to make carbonic acid.

Acid rain can affect the ability of living things to survive. It can also break apart the rocks and minerals in our crust.