

Chemical Flowers Lab

1. Place the chunk of limestone in a glass or ceramic bowl so that it is about two-thirds of the rock is covered with vinegar. Use a small of a container so that you can to reduce the amount of vinegar used. Place the rock and container in a warm place where it will not be disturbed.

2. Observe the rock over a week's period. Place your observations below:

Day One: _____

Day Two: _____

Day Three: _____

Day Four: _____

Day Five: _____

Day Six: _____

3. Answer the following Questions:

A. What is the Chemical Composition of the limestone Rock? Is it one compound or a mixture?

B. Write a balanced chemical equation for what you observed.

C. What is the chemical formula and name for the material that is formed?