



The chemistry of limestone.

Experiments with Carbon Dioxide

L4+ Lime Water Test For CO₂

Mattson gas book resources

http://mattson.creighton.edu/Download_Folder/MattsonGasBook4thEdCO2.pdf

<http://www.youtube.com/watch?v=zD0SJUfsN94>

<http://www.hometutoring.co.nz/chemistry/experiment4.php>

Make lime water. Turn the lime water cloudy. (Blow through a drinking straw to bubble CO₂).

Turn the lime water clear again. (Bubble CO₂ through the solution until the precipitate just disappears)

Activity: Making a Carbide lamp. Looking at a similar reaction of Calcium Carbide and water

The chemistry of limestone. Experiments with Carbon Dioxide

L5+ Acidity of Carbon Dioxide.

L5+ Carbon Dioxide extinguisher .

L6+ Carbon Dioxide and Sodium Hydroxide.

L6+ Equilibrium between Carbon Dioxide and Carbonic Acid