

Learning Limestone

Name: _____ Date: _____

TEST TYPE	RESULTS/OBSERVATIONS
<p>Sandpaper</p> <p>Rub a piece of limestone with coarse sandpaper.</p>	
<p>Crush</p> <p>Examine how easy it is to crush limestone into a powder-like form using a hammer. <i>This activity must be done in a designated area under teacher supervision and all students should wear protective eyewear.</i></p>	
<p>Water</p> <p>Soak a piece of limestone in water for five to 10 minutes. After soaking, rub it again with sandpaper to check if the water has weakened the limestone. Comment on the result of this test in comparison to the original sandpaper test.</p>	
<p>Chemical</p> <p>Test how resistant limestone is to chemical erosion. Soak a piece of limestone in vinegar for two minutes and comment. Return to vinegar and soak for a further three minutes, then remove and make comment. Return to vinegar and soak for a further five minutes, then remove and make comment.</p>	

What can you conclude about limestone given the tests you have carried out?
