

# Chemistry Study Guide

I know statement	Prove it
I know what a mixture is.	
I know at least 3 different ways to separate a mixture and can identify when to use each one.	
I know what soluble means.	
I know how to get a soluble solid separated from a liquid.	

<b>I know why insects can walk on water.</b>	
<b>I know what a physical change is and can provide multiple examples.</b>	
<b>I know what a chemical reaction is and can provide multiple examples.</b>	
<b>I know at least 3 different ways to tell if a chemical reaction has occurred.</b>	

<b>I know of what water is made.</b>	
<b>I know how acids and bases are measured.</b>	
<b>I know what it means if a solution has a phs of 0-7, 7 and 7-14.</b>	
<b>I know what is a hypothesis.</b>	

**I can list and describe the 8 steps of the scientific method (process).**

**I know the 3 states of matter we deal with in class.**

**I can list all 10  
safety rules of  
the science lab.**

**I can describe  
solids, liquids  
and gases. Must  
include talking  
about the  
molecules.**

<p><b>I know what a pure substance is and I can provide multiple examples.</b></p>	
<p><b>What throughline(s) can be found in this science unit?</b></p>	
<p><b>I know how to write my name to make sure the test is properly labeled for Mr. Riewe.</b></p>	