

## Correlation of SPIRAL Labs with Common Chemistry Courses

Laboratory Activity Title	General Chemistry	Allied Health/ GOB	Introductory Chemistry	Organic Chemistry
3D - Is this molecule 3D? <i>Lewis structures and molecular shapes</i>	x	x	x	
CI - Why does the can implode? <i>Gas properties</i>	x	x	x	
CP - How do cold packs work? <i>Free energy and spontaneity</i>	x			
FE - Do I need more iron in my diet? <i>The scientific process</i>	x	x		
HP - How pure is it? <i>Melting points of solids and mixtures</i>	x			x
NM - Can nonmetals be magnetic? <i>Electron configuration, paramagnetism, diamagnetism</i>	x			
RO - Which one runs out first? <i>Stoichiometry, limiting reactants</i>	x			
SD - Which salts dissolve? <i>Solubility rules, ionic equations</i>	x	x	x	
SF - Will it sink or float? <i>Densities of liquids and solids</i>	x	x	x	
SL - How slow does it flow? <i>Viscosity, vapor pressure, surface tension</i>	x	x	x	x
TC - Do all titration curves look the same? <i>Acid-base titrations</i>	x			
TY - Are we there yet? <i>Chemical equilibrium</i>	x			
WH - Why do we need to eat? <i>Calorimetry, experimental design</i>	x	x	x	