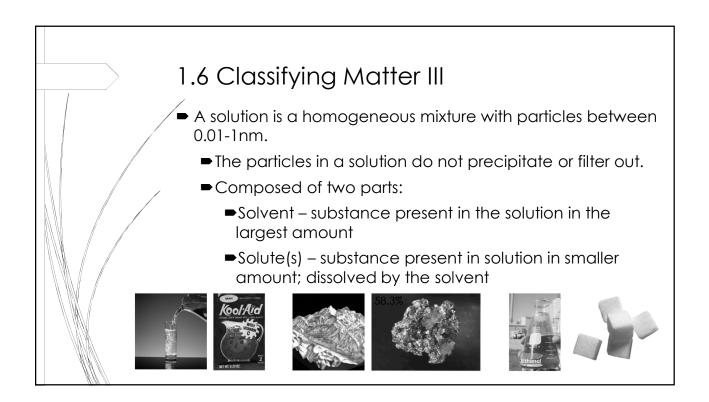
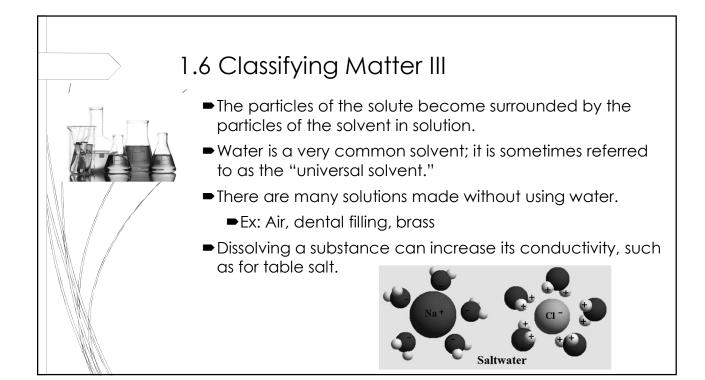
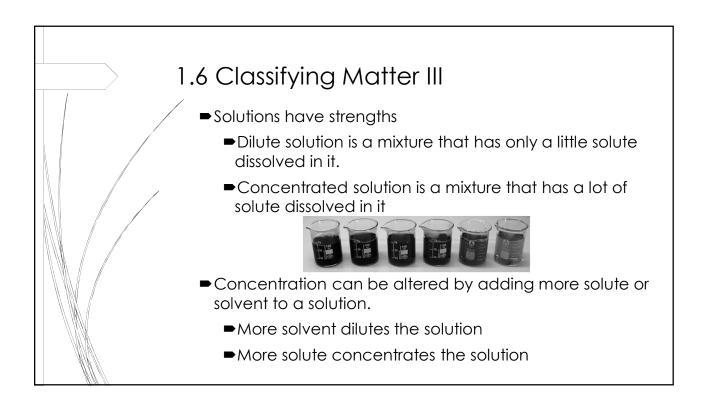
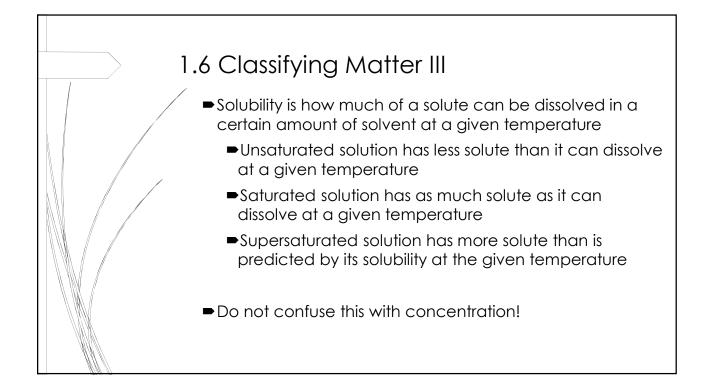


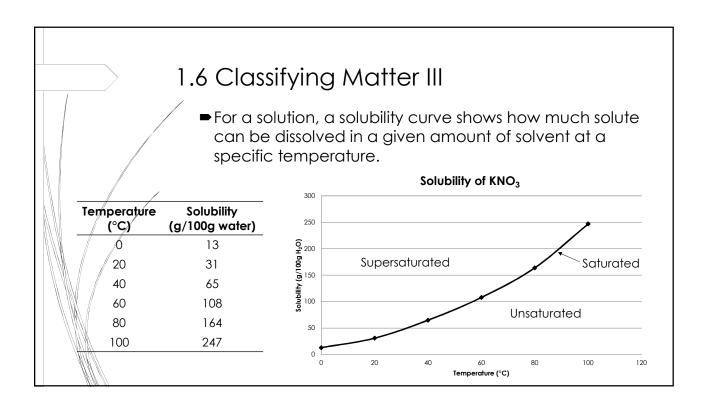
	.6 Cla	ssifying M	atter III			
 Objective: I will be able to be able to identify a mixture as a solution, colloid, or suspension. I will understand how solutions are made and how mixtures are separated. Vocabulary: 						
	Solution	Colloid	Suspension	Solute	Solvent	
	Solubility	Solubility Curve	Diffusion	Decanting	Precipitation	
	Diluted	Concentrated	Tyndall Effect			

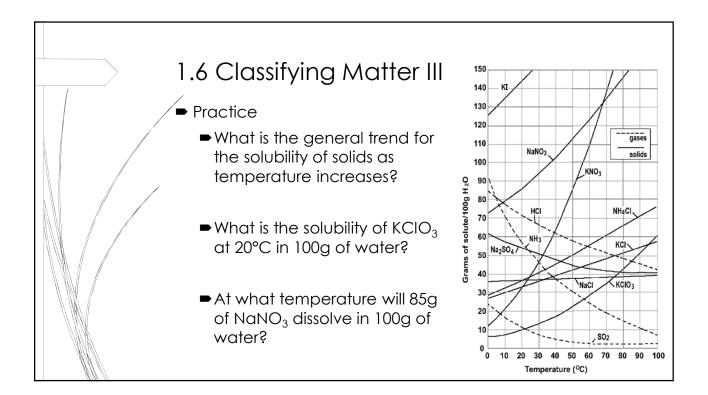


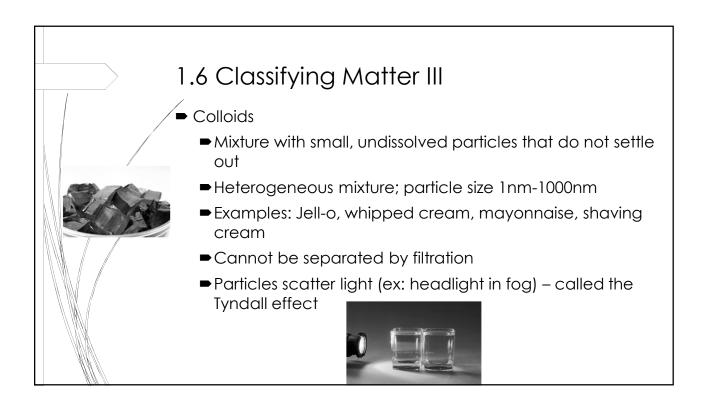


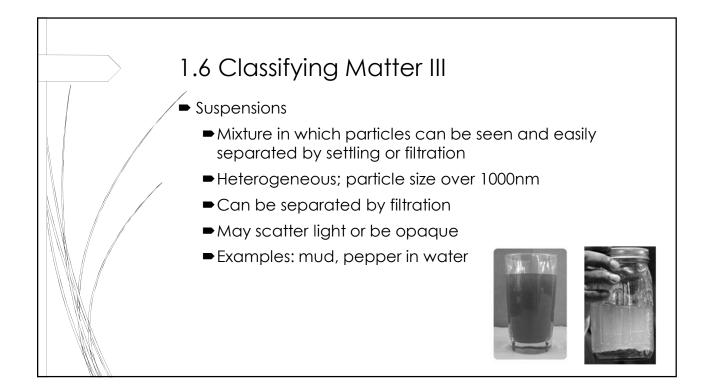












	1.6 Classifyi Quick Compar	ng Matter III rison				
Properties of Solutions, Colloids, and Suspensions						
	Solutions	Colloids	Suspensions			
	Homogeneous	Heterogeneous	Heterogeneous			
	Particle size: 0.01-1 nm; atoms, ions, or molecules	Particle size: 1-1000 nm, dispersed; large molecules or aggregates	Particle size: over 1000 nm, suspended; large particles or aggregates			
	Do not separate on standing	Do not separate on standing	Particles settle out			
	Cannot be separated by filtration	Cannot be separated by filtration	Can be separated by filtration			
	Do not scatter light	Scatter light (Tyndall effect)	May either scatter light or be opaque			