

Cartesian Diver		Grade 8: Fluids	
Curriculum Connections	Topic	Matter and Energy	
	Fundamental Concepts	Matter	
Description Students will learn about buoyancy and density while completing the Cartesian Diver experiment.			
Big Ideas Fluids have different properties that determine how they can be used		Overall Expectations 2. investigate the properties of fluids; 3. demonstrate an understanding of the properties and uses of fluids	
Specific Expectations 3.5 determine the buoyancy of an object given its density, in a variety of fluids 3.6 explain in qualitative terms the relationship between pressure, volume, and temperature when a liquid or a gas is compressed or heated			