CH 101 Heating and Cooling Due November 18, 2011	NameSection
added at the same rate to equal ma	perature when equal amounts of thermal energy are asses of water (sp ht 4.18 J/g °C), ethanol (sp ht 2.44 che same temperature (10 °C) and the ethanol ends
b. Does each sample reach the same	temperature? Why or why not?
2a. Plot the temperature change vs tin 90°C to 110°C as you add heat at a <b>Explain what is happening at ea</b>	

b. Draw a molecular level picture of what the sample looks like at  $90^{\circ}\text{C}$  and  $110^{\circ}\text{C}$