



Reaction Rate: Student Activity Sheet

Name: _____

Date: _____

Part 2: Temperature and Reaction Rates

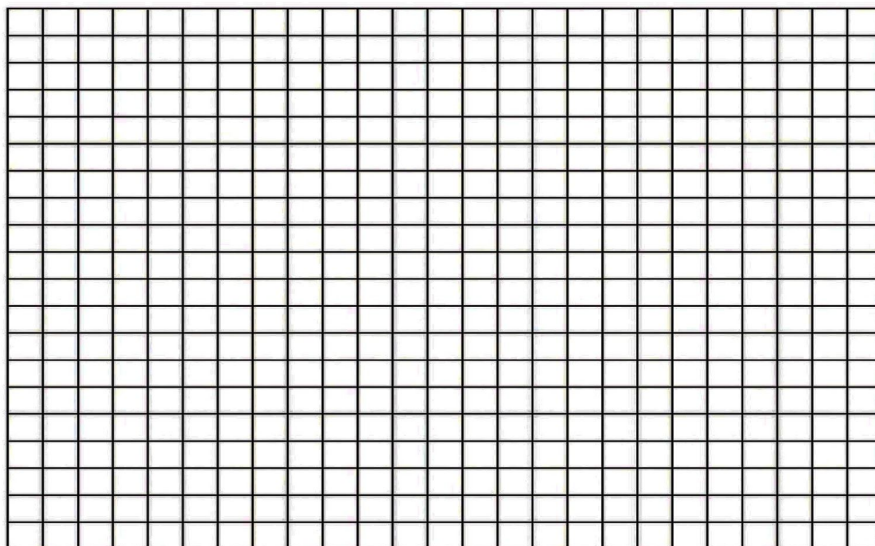
In the table below predict how long you think it will take for the reaction to occur for room temperature, hot, and cold water. Record your results after completing your investigations.

Temperature	Prediction	Result
Room Temperature		
Hot		
Cold		

Compare your result to your prediction for each temperature. _____

Part 3: Graph, Analyze, Predict, and Test

Using the data from part 2, make a bar graph comparing reaction times at different temperatures.



How do you think temperature affects reaction time? _____

Look at your graph. In the table below, predict how long the reaction will take when cold and room temperature is mixed, and when hot and room temperature is mixed. Record your results after completing your investigation

Temperature	Prediction	Result
Cold + Room Temperature		
Hot + Room Temperature		

Compare your result to your prediction for each temperature. _____

Why do you think the temperatures had different reaction rates? _____
