



# REACTION TIME INQUIRY

Name \_\_\_\_\_ Per \_\_\_\_\_

**QUESTION:** Which gender's Reaction Time (measured in seconds, using Reaction Time Strip) will be affected more by a Distraction?  
**HYPOTHESIS/PREDICTION:** \_\_\_\_\_

- \_1) Use the SCIENCE WORLD Reaction Time Strip & this chart for tests & observations.
- \_2) Describe your *Independent Variable*, which is the specific distraction to use for all.  
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- \_3) Control all variables except the *Dependent Variable* of time, which you record.  
 (Require ALL to sit or ALL stand, hold their hand the same, always lined up on the arrow.)
- \_4) Measure reaction time of both genders, without and with your specific distraction.
- \_5) Summarize with totals & averages. Graph. Write a Conclusion/Analysis.

T R A I L	Names	Reaction Time in Seconds = <i>Dependent Variable</i>					
		Gender: Male			Gender: Female		
		#	Without Distraction	With Distraction	#	Without Distraction	With Distraction
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
<b>Totals</b>							
<b>Averages = total / number of entries</b>							


Conclusion/Analysis \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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