**ALL STUDENTS MUST SUBMIT A LAB REPORT FOR THE FIRST LAB.**

No Chapter Reaction time lab cheat sheet-

**TITLE**  descriptive. This should include Chapter number so this is chapter 0

**PURPOSE** what are you looking to measure, discover, find? Ex- in this lab we will be measuring the time it takes to catch a meter stick with eyes open and then determine if it takes longer with a person’s eyes shut

**BACKGROUND**  What is reaction time? What is a stimuli? Why can the distance a stick falls be translated into time? ch 38

<http://science360.gov/obj/video/88e76593-7a56-4480-b0a3-449a92c8d553/reflexes-reaction-time>

**DATA** graphs must be created in excel or word. You **can not** use the lab sheet in a lab report. All figures, charts etc MUST be titled and labelled

**FIGURE 1- Table 1: BE Specific with description of table- what does it tell you?**

|  |  |  |
| --- | --- | --- |
| HAND:TRIAL  | STUDENT 1- RXN DISTANCE IN CM | STUDENT 2- RXN DISTANCE IN CM |
| LEFT 1 |   |   |   |   |   |   |
| LEFT 2 |   |   |   |   |   |   |
| LEFT 3 |   |   |   |   |   |   |
| LEFT AVERAGE |   |   |
| RIGHT 1 |   |   |   |   |   |   |
| RIGHT 2 |   |   |   |   |   |   |
| RIGHT 3 |   |   |   |   |   |   |
| RIGHT AVERAGE |   |   |
|  |  |  |

**FIGURE 2- Table 1: BE Specific with description of table- what does it tell you? What variables are included?**

|  |  |  |
| --- | --- | --- |
| HAND:TRIAL | STUDENT 1- RXN DISTANCE IN CM | STUDENT 2- RXN DISTANCE IN CM |
| LEFT 1 |   |   |   |   |   |   |
| LEFT 2 |   |   |   |   |   |   |
| LEFT 3 |   |   |   |   |   |   |
| LEFT AVERAGE |   |   |
| RIGHT 1 |   |   |   |   |   |   |
| RIGHT 2 |   |   |   |   |   |   |
| RIGHT 3 |   |   |   |   |   |   |
| RIGHT AVERAGE |   |   |
|  |  |  |

**CONCLUSION**  summarize the data. Was the reaction time different between people? Different between hands? Different between the senses? What about athletes vs non athletes