

MOUSETRAP RACECAR PROJECT - CHECK SHEET

<u>TASKS</u>	DONE or NA (not applicable)
• Fill out check off sheet as you go (completely w/dates)	_____
• Read all directions and information I have given to your group	_____
• Ask Mr. Mathot for clarification on anything you do not understand	_____
• Fill out grade sheet (in pencil) with names and ALL requested info	_____
• Do research on Internet and/or textbooks (key to good presentation)	_____
• Visit the Mousetrap Racecar Physics Project page	_____
• Read the information on how to do the Science & Engineering Log	_____
• Decide the 10 (or more) concepts you are going to explain	_____
• Create a sharable Google Slide Presentation for your group to use as your Science and Engineering Log for the project.	_____
• In your group's Science and Engineering Log write down how (1 –2 sentences) and where (arrows on your vehicle force diagram) you are going to use each concept to explain the 10 physics concepts	_____
• Ask Mr. Mathot if you have questions if your explanation of concepts needs more research or changing before you present.	_____
• Sign up for a presentation day & time (once Science and Engineering Log is complete) and any questions have been addressed.	_____
• Really decide how you will explain the concepts as they relate to your vehicle. This is the largest part of your grade.	_____
• Create your MTRC using information from online sources	_____
• Start building and refining your design	_____
• Test your vehicle to make sure it works and can complete the performance challenge. Fix and redesign as needed	_____
• Practice the presentation you will do in front of class (4-8 min.)	_____
• Review and make yourself familiar with ALL the vocabulary so you will be able to answer the questions I ask your group. There will be a minimum of 1 question (<i>or response</i>) per person in your group.	_____
• Get ready to present your project	_____
• Staple the following together to turn in (in the order below):	_____
1. Grade Sheet (filled out completely)	(yes/no)
2. Vocabulary Sheet (with vocab highlighted)	(yes/no)
3. Check sheet (this sheet w/ all lines dated)	(yes/no)