

6 Simple Machines Project

Dr. Duick

You and your partner will design the six simple machines; you will be assessed in the following areas:

Category	Points	Expectation
Machine Design	30	You will design, construct and photograph each of the 6 simple machines (5pts each)
Calculations	30	You must show your IMA, AMA, and your efficiency for each machine. This data will be presented in the google doc
Google Docs presentation	30	You will present to the class your findings. Each member should be able to present any slide when called upon randomly by the instructor. The term "tag" will be spoken (by me) to change presenters.
Test	60	You will take an individual exam on the six simple machines after the completion of the projects There will be a quiz every day before the finishing of the project.
Cleanliness	+/-	You must place all used items on the back counter at the end of class - no material must remain on lab benches at the end of class
Group Effort	+/-	How you function as a group. all members should be working
Lateness	-	no late
TOTAL	150 points	

Presentation rubric next page

GROUP _____

Six simple machines evaluation

Machine	Image labeled	Calculations	Presentation initials	
Lever	12345	12345	12345	
Incline	12345	12345	12345	
Wedge	12345	12345	12345	
Wheel & Axle	12345	12345	12345	
Pulley	12345	12345	12345	
Screw	12345	12345	12345	

Work on project score (out of 90pts) _____

Score on 6 simple machines test (out of 60pts) _____