

SIMPLE MACHINE PROJECT SCORING TOOL

Part One: (max. 30 pts.)

Identify each simple machine currently in use at your location (1 pt. for each=6 total)
 Sketch & label **each** simple machine (1 pt. for each=6 total)
 Statement defining the mechanical advantage of each simple machine (3 pts. for each= 18 total)

Part Two: (max. 40 pts.)

	Possible Points	Assessment	
		Self	Teacher
Title The title is written in capital letters & is larger than other print on my poster.	2 pts.		
Simple Machines Three simple machines are included in my new invention and are presented accurately.	6 pts.		
Purpose The purpose of my new invention is clear.	2 pts.		
Supporting Details My new invention would serve a real function appropriate for its location.	4 pts.		
Drawings and Illustrations All illustrations, photographs, and drawings add to the purpose and interest of my poster.	5 pts.		
Mechanics (C-U-P-S) No errors in capitalization, usage, punctuation, or spelling on my poster.	8 pts.		
Layout and Design The overall organization, design, use of color, and use of space help to make my poster interesting and communicates a clear message.	5 pts.		
Creativity My poster is highly original and creative.	4 pts.		
Neat and Presentable My poster is very neat and presentable.	4 pts.		
Total:	40 pts.		

Part Three: (max. 30 pts.)

ORAL PRESENTATION		
Name of the Invention		
1. What does it do?	2 pts.	
2. How does it work?	2 pts.	
3. What will the consumer need to know to care for your invention?	2 pts.	
4. What is it made from?	2 pts.	
5. What are the safety features of your invention?	2 pts.	
6. How do the simple machines work together in your complex invention?	2 pts.	
7. What is the cost of your invention?	2 pts.	
8. Why do we need your invention?	2 pts.	
9. Why did you invent it?	2 pts.	
10. What is the mechanical advantage of your invention?	2 pts.	
11. Time (min. 3 min.)	10 pts.	
Total:	30 pts.	