

Name: _____ Per: _____
 Name: _____ Per: _____
 Name: _____ Per: _____

Math Teacher: _____ Math Per: _____
 Math Teacher: _____ Math Per: _____
 Math Teacher: _____ Math Per: _____

STEM Exhibition Night Science/ Engineering Rubric (Physics / AP Physics)

		4	3	2	1
Science Concepts	Guiding Question CC-GR09..10 WHST 7.	Creates a clear guiding question for the project that integrates ALL of the following disciplines into answering the question: (1) Science, (2) Technology, (3) Engineering and (4) Math.	Meets THREE out of four of the criteria.	Meets TWO out of the four criteria.	Meets ONE OR LESS of the four criteria.
	Claim CC-GR09..10 WHST 1.	Claim is: <input type="checkbox"/> Accurate; correct <input type="checkbox"/> Well written <input type="checkbox"/> Clearly answers the guiding question <input type="checkbox"/> Previews evidence that is to come in the rest of the CER-ER	Includes THREE of the qualifications for a 4.	Includes TWO of the qualifications for a 4.	Includes ONE of the qualifications for a 4 or NO claim is present.
	Evidence CC-09..10 RST 1.	Evidence is: <input type="checkbox"/> Relevant; strongly supports the claim <input type="checkbox"/> Sufficient; there are THREE pieces of evidence <input type="checkbox"/> Is either a direct quote or a well written summary <input type="checkbox"/> Cited properly in MLA format	Includes THREE of the qualifications for a 4.	Includes TWO of the qualifications for a 4.	Includes ONE of the qualifications for a 4 or NO evidence is present.
	Reasoning CC-09..10 RST 7.	Reasoning: <input type="checkbox"/> Provides accurate discussion of the evidence- what does the evidence mean? <input type="checkbox"/> Provides a thoughtful and detailed connection to the claim- how does this evidence prove your claim? <input type="checkbox"/> Includes appropriate scientific principals and academic vocabulary as appropriate.	Includes TWO of the qualifications for a 4.	Includes ONE of the qualifications for a 4.	Does NOT provide reasoning or only provides reasoning that DOES NOT link evidence to the claim.
Mechanics CC-GR09..10 WHST 4.	<input type="checkbox"/> No misspellings <input type="checkbox"/> Correct grammar <input type="checkbox"/> Correct punctuation <input type="checkbox"/> Coherent flow of ideas <input type="checkbox"/> Citations in MLA Format <input type="checkbox"/> Professional presentation of material	Meets FOUR out of five of the criteria.	Meets THREE out of the five criteria.	Meets TWO OR LESS of the five criteria.	
Engineering CCWHST.11-12.4.	<input type="checkbox"/> Provides accurate and complete claim, evidence, and reasoning as to how Engineering is connected to the topic and the other 3 areas of STEM. <input type="checkbox"/> Includes a picture or diagram with the explanation.	Provides claim, evidence, and reasoning as to how Engineering is connected to the topic, and all 3 areas of STEM but with inaccuracies or is not complete. OR Meets all other criteria for a 4, but does not include a picture or diagram.	<input type="checkbox"/> Provides 2/3: claim, evidence, reasoning as to how Engineering is connected to the topic, but not all 3 areas of STEM but with inaccuracies or is not complete. <input type="checkbox"/> Does not include a picture or diagram.	<input type="checkbox"/> Provides description of engineering but is not related to the topic and does not connect to the other 3 areas of STEM. <input type="checkbox"/> Does not include a picture or diagram.	
Total Score:	A 4: 24- 23 3.5: 22- 20	B 3: 19- 17	C 2.5: 16- 14 2: 13- 12	NP 1.5: \geq 11	

STEM Project Progress Check:

Group Names:	Completed? To be initialed by Science Teacher
Topic:	
Guided Question:	
Claim:	
Evidence:	
Reasoning:	
Engineering:	