

~ Project RUBE-ric ~

Final Project due by  
January 20, 2010

Student: \_\_\_\_\_ PreAP Science-8 ~ Period: \_\_\_\_\_ Teacher: \_\_\_\_\_

	4	3	2	1	0
<b>Judge ~ Size (x1)</b>	No more than 1.8x1.8x1.8 m	1 dimension is more than 1.8 m	2 dimensions are more than 1.8 m	3 dimensions are more than 1.8 m	all dimensions are more than 2.3 m
<b>Judge ~ Works (x4)</b>	Works the 1st time through with no outside assistance	Works with minor assistance	Fails 1st attempt or needs major assistance; works on 2nd attempt	Works on 2nd attempt with assistance	Does not work
<b>Judge ~ Materials stay in area (x3)</b>	All parts remain within dimensional area	a part rolls/shoots slightly out of dimensional area	more than 1 part leaves dimensional area	many parts move some distance from project	Parts fly off in a hazardous manner
<b>Judge ~ # of unique steps (x2)</b>	15 or more steps (20 for team)	10 steps (15 for team)	7-9 steps (11-14 for team)	4-6 steps (7-10 for team)	less than 4 steps (less than 7 for team)
<b>Judge ~ Time (x1)</b>	less than 2 min	between 2 min and 2 min 10 s	between 2 min 11 s and 2 min 30 s	between 2 min 31 s and 3 min	greater than 3 min
<b>Paper ~ Introduction (x2)</b>	includes solid goal, size info, and understandable working functions	2 of 3 parts included and is understandable	missing a part and some difficult to understand	only has 1 part and/or hard to understand	missing
<b>Paper ~ Conclusions (x3)</b>	discusses learning from failures and successes	discusses failures and successes	only discusses success or failures	no valid conclusions are drawn	missing
	all steps are				