Math 8: Student Rubrics

Criteria	Fully Meeting Expectations	Meeting Expectations	Minimally Meeting Expectations	Approaching Expectations
Net blueprint of all three designs	Neat Accurately Labeled Easy to Read All measurements in proportion	1 or 2 errors on net. Neat but ruler still needed. Easy to read Attempts made to make measurements in proportion.	Few labels used Difficult to read but legible No attempts to be in proportion	No Labels or mostly misplaced Very difficult to read
Prototype	Neat Fits object Matches measurements on blueprint	Neat Fits Object Almost completely matches blueprint	Prototype looks somewhat like blueprint design. Measurements are not followed	Prototype attempted but is incomplete or does not match blueprint.
SA calculations	Completely Accurate Labeled Easy to follow all work Formula shown	Calculations complete but may have some small errors. Mostly easy to follow all work Formula shown	Some calculations **may be missing** or have major errors. Work is messy but can still be followed No formula shown	Mostly Incorrect Fails to calculate Surface Area Work is very messy
Volume calculations	Completely Accurate Labeled Easy to follow Formula shown	Calculations complete but may have some small errors. Mostly Easy to follow all work Formula shown	Some calculations **may be missing** or have major errors. Work is messy but can still be followed No formulas shown.	Mostly incorrect Fails to calculate Volume Work is very messy
Justification of chosen design	Many Supporting Ideas Convincing Surface Area and Volume considered.	1 or 2 supporting ideas Ideas are relevant Surface are and volume are considered.	Only 1 supporting idea Ideas may not be relevant Surface Area and Volume not considered	No supporting ideas

Work Habits	G	S	N
Sharing work load	Made an equal contribution to each phase of the project	Work was often left for the partner to do.	Hard work or most of the work was left for the partner.
Listening to ideas of others	Stayed open-minded Was respectful to partner Gave partner a chance to contribute ideas even when you don't agree.	Sometimes had difficulty listening to partner. Sometimes did not give partner a chance to give ideas.	Did not consider partner's ideas
Meaningful contribution to group	Always on task Was following along with each step Stayed positive Adds meaningful ideas	Sometimes off task or distracting Had to be reminded to stay on-task. Mostly had a positive attitude Sometimes added meaningful ideas	Frequently off task or distracting Was rarely following along with what was happening. Negative attitude. May be agreeable but does not actively give ideas.
Helping partner	Always slowed down to explain to partner and make sure everyone was on the same page.	Attempts were made to explain ideas and concepts to partner. Only slowed down or explained when asked	Did not help by explaining to partner Often frustrated with partner Did not help to build model