

Name: _____

Perfect Packaging Project

You are on a team of design specialists. Your team has been hired to create a new package for a company's product with a set volume. The package can be any shape but must have an appropriate volume, within 4 units of the volume of the product to account for margin of error). You will need to take the surface area of your packaging into consideration to keep it cost friendly.

You will work individually on one design to bring to your team where you will ultimately decide on one design to promote.

You will present your design to your team by providing the following:

1. A labeled and neat sketch of your packaging
2. The Surface Area and Volume of your packaging
 - Work must be shown
 - In **SI and Imperial Units**
3. A **paragraph form proposal** on why your packaging should be used.
 - Be sure to include the following reasons:
 - i. Design intrigue, eye catching to customers
 - ii. Why you chose this shape over the other shapes
 - iii. Surface Area – and what it means to the company
 - iv. Volume - and what it means to the company

Then as a team you will:

1. Decide on **one design** based on the above considerations
2. Write in paragraph form why your group decided on that design over the others including it's surface area and volume in **SI and Imperial units**.
3. Draw a diagram of the packaging **to scale** in **SI and Imperial units**

Time Frame for Project	
Friday: October 30 th	Start Project
Monday: November 3 rd	Individual section completed and handed in Start team work
Wednesday: November 4 th	Team work due

Company Name	
Product	
Product Volume	

Perfect Packaging Project Rubric

Name: _____

Company Name: _____

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Individual

	4	3	2	1
Sketch X2	Lines are straight, product is proportional all dimensions are given and labeled.	Generally neat but product is not proportional or dimensions are not always given or labeled.	Sketch is roughly done, but dimensions are given and labeled.	Sketch is roughly done. Dimensions are not given or labeled.
Surface Area and Volume X2	The report template is used. Work is shown, calculations are done in both SI and Imperial Units and correct.	The report template is not used or work is not fully shown or one of the calculations are incorrect but done in both SI and Imperial Units	The report template is not used and work is not shown but calculations are correct and in both SI and Imperial Units or both of the calculations are incorrect.	The report template is not used or work is not shown and calculations are incorrect and not in SI and Imperial Units.
Written Support X2	Typed, in paragraph form, includes and explains all required components. Sells the design to the reader.	Typed, in paragraph form, includes but may not explain all required components.	Typed, in paragraph form, does not include all required components or explanations.	Not in paragraph form and doesn't seek to sell the design.
Total:				/24

Team

	3	2	1	0
Team Work	Team communicates respectfully and a consensus can be reached without issue.	Team communicates well, a consensus can be reached	Team does not communicate well. Compromise required for consensus	Team cannot collaborate together. Consensus cannot be reached.
Diagram	Lines are straight, diagram is to scale, scale is given for both SI and Imperial	Lines are straight, diagram is to scale, scale is not given or only given in one unit.	Lines are neat diagram is labeled but not to scale.	Diagram is not labeled or to scale. Dimensions are not given
Written Support	Typed, in paragraph form, includes and explains all required sections. Sells the design	Typed, in paragraph form, includes but may not explain all required components.	Typed, in paragraph form, does not include all required components or explanations.	Not in paragraph form and doesn't seek to sell the design.
Total:				/9