

\$1,000,000 Project

Your mission: Find or create a box to hold \$1,000,000 in twenty dollar bills.

Your reward: This counts as a test grade for the second nine weeks.

Your deadline: Due Wednesday, December 8th. 10 points off for each day late.

Your requirements: Form - 50 points

- Graded on -
- Accuracy
 - Completeness
 - Neatness
 - Be sure to show all calculations and completely describe how and why you did each step in the description
 - do all measurements in cm

Box - 50 points

-May be cardboard, cardstock, wood, whatever... as long as it is self-supporting.

-The volume of your box must be within 1000 cubic cm of your calculated volume of the money. 10 points off for each 100 cubic cm beyond the 1000 cubic cm allowance.

* +10pts. By Nov.23*

* +5pts. By Dec. 1st *

Name_____

Period_____

INFORMATION NEEDED TO SOLVE THE PROBLEM

Length of a twenty dollar bill_____

Width of a twenty dollar bill_____

Thickness of **10** twenty dollar bills_____ .3 cm

MATERIALS NEEDED

DESCRIPTION OF METHOD

CALCULATIONS

CONCLUSION

Volume of \$1,000,000 in twenties_____

Length of box_____

Width of box_____

Height of box_____

Volume of box_____

CONGRATULATIONS ON COMPLETING YOUR MISSION!

** If you would like to, you may include a gift to trade (under \$5), inside your box. If so, please wrap your box and we will exchange these at an "end of the semester festivity." They will still be due Dec. 8th, but we will not open them until the 17th.**

Million Dollar Gift Rubric

Form: (50 Points)

_____	Volume Accuracy	1-10 points
_____	Completeness & clarity of written answers	1-10 points
_____	Calculations shown	1-10 points
_____	Accuracy of \$ measurements	1-10 points
_____	Neatness	1-10 points

Box: (50 points)

Length _____ cm	_____ Match	10 points
Width _____ cm	_____ Match	10 points
Height _____ cm	_____ Match	10 points
_____	Volume within 1000 cubic cm of \$ volume	10 points
_____	Neatness & sturdiness of box	1-10 points
_____	Early or late (+/-)	
_____	FINAL GRADE	