

**MONEY FROM TRASH**

The eighth grade students at Washington Middle School are trying to raise money to help pay for a class trip. There are 250 students in the class, and they want to raise \$2000.00 by recycling newspapers, cans, and glass and plastic bottles. Using the table below, calculate how many pounds of newspaper, cans, and bottles (or different combinations of these) students will have to collect to raise the money.

To complete this task, please:

- Determine how much each student is responsible to raise, and several ways students could fulfill their responsibilities.
- Based on the amount of newspaper, cans, and bottles your own family uses, decide which material you would collect for your contribution.
- Describe in words how you arrived at your conclusions.

MONEY FROM TRASH

Material	Amount per ton
Mixed paper	\$40 per ton
Newspaper	\$100 per ton
Aluminum cans	\$1240 per ton
Steel cans	\$50 per ton
Clear glass	\$30 per ton
Green glass	-
Amber glass	\$15 per ton
Plastic: soda bottles	\$240 per ton
Plastic: milk bottles	\$300 per ton

[Source: A Collection of Performance Tasks and Rubrics: Middle School Mathematics, Eye on Education, Larchmont, NY]

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