Math Project(s) Checksheet

SCHOOL DATA (Team Project)	✔	FAMILY DATA (Individual Project)	✔	COST ANALYSIS (Team and Individual Project)	✔
Gather data on current waste management costs for current school		Collect data on the amount of trash disposed of by your family; calculate average bag(s) per person		Create spreadsheet comparing the cost of proposed plan to current practices	
Gather same data on another school of the same size to compare		Merge individual data with class data to find class average		Represent data in charts or graphs to support proposal	
Make logical conclusions from data		Compare class data with other regions in the country and also internationally (use Internet resources)		Answer the following questions: ▪ Will the new plan save money? ▪ Will the new plan reduce the amount of landfill-bound garbage significantly?	
Make preliminary recommendations for the school, based on data		List logical reasons as to why the data varies so much		Explain the nature of the data (percentages, averages, ratios)	
Revise and edit recommendations based on team and teacher input		Create a waste management plan for your home, based on the data		Integrate final conclusions into the science project	

School Data—Suggestions and Comments of Teacher/Student/Team Conference:

Family Data—Suggestions and Comments of Teacher/Student/Team Conference:

Cost Analysis—Suggestions and Comments of Teacher/Student/Team Conference: