Name_____

Dear Family,

Volunteering is a rewarding way to spend time with friends and family while helping your community.

Many charitable and non-profit organizations require a lot of management—as much as, or more than some businesses that operate for profit. Managers must raise money through donations and recruit volunteers—both of which involve convincing people of the value of supporting the organization. Organizations often use marketing campaigns and community presentations to promote their causes.

With your student, decide on a volunteer opportunity to explore. Take a look at a number of organizations. Do research on the Internet, attend community presentations, and view the organization's marketing material to learn as much as you can. Have your student analyze the data presented.

- What numerical data did the organization present? Are they the best measurements for the data?

- Did the organization use data displays? Did they use the best types of displays to make their point? If not, what would be a better display? Why?

- Does the volunteer opportunity fit your abilities and schedule?

If your analysis leaves you with questions, you and your student should contact the volunteer coordinator at the organization. After analyzing each organization, compare each opportunity to find one that is the best fit for you.

Not every volunteer effort requires a long-term commitment. Often, a community group will organize a neighborhood beautification or cleanup project. Talk with your student about how they would get such a project started. What kind of data would your student present to convince people to volunteer? Would your family like to put the plan into motion?

May you have a cause to celebrate!

Lesson	Learning Target	Success Criteria
4.1 Scatter Plots	Use scatter plots to describe patterns and relationships between two quantities.	• I can make a scatter plot. • I can identify outliers, gaps, and clusters in a scatter plot. • I can use scatter plots to describe relationships between data.
4.2 Lines of Fit	Use lines of fit to model data.	• I can write and interpret an equation of a line of fit. • I can find an equation of a line of best fit. • I can use a line of fit to make predictions.
4.3 Choosing a Data Display	Use appropriate data displays to represent situations.	• I can choose appropriate data displays for situations. • I can identify misleading data displays. • I can analyze a variety of data displays.