

Data Analysis & Probability PreK-2

Murphy, S.J. (1997). *The best vacation ever*. New York: HarperCollins.

A girl uses data collection to determine where her family should go for their vacation. *****

NCTM Standards:

- pose questions and gather data about themselves and their surroundings
- represent data using concrete objects, pictures, and graphs
- describe parts of the data and the set of data as a whole to determine what the data show

Murphy, S.J. (2003). *3 little firefighters*. New York: HarperCollins.

Three firefighters are missing the four buttons on their jackets. They find 24 buttons, but each firefighter needs four that match in some way. Shall they sort by size? Color? Or shape? *****

NCTM Standards:

- sort and classify objects according to their attributes and organize data about the objects

Murphy, S.J. (2001). *Probably pistachio*. New York: HarperCollins.

Readers are introduced to the concept of probability in a story about a boy who has a day in which nothing goes right. *****

NCTM Standards:

- discuss events related to students' experiences as likely or unlikely