

Area—Career, Family and Community Connections

Scenario—Food Drive Graphing

Standards

SD FACS Standards

FCS 1.3.3

Examine community resources and systems of formal and informal support available to individuals and families

SD Mathematics Standards

Math 8.M.1.1

Use a variety of visual representation to display data to make comparisons and predictions.

Math 7.N.1.2

Find and use common multiples and factors of whole numbers.

What will you do?

You will react to the given scenario by creating a graph of the food drive items.

What is the scenario?

Your Family Career and Community Chapter conducted a food drive. The following items were collected and will be donated to your local Salvation Army: 75 cans of vegetables; 45 cans of soup; 42 cans of main dish meals; 30 cans of fruit; 25 boxes of brownie mix; 24 boxes of cereal; 14 boxes of pasta; and 12 cans of fruit juices.

How will you do this?

Use a computer program to create a column graph to show the results of your food drive by numbers of items. Identify each of the eight categories listed in the scenario. Be sure to title your graph.

How will you be evaluated?

Complete labeling, accuracy of your graph, and general neatness of the document you turn in will be graded.

Note: This could easily become a project by having your students conduct their own food drive.