



Students Entering Grade K

Observe the farmer's market. How are items sorted? (If you can't go to a farmer's market use the image above.)

Students Entering Grade 1

Farmer's markets sell mostly fruits and vegetables. Choose two different fruits or vegetables.

- What do you notice?
- What is the same about them?
- What is different?

Students Entering Grade 2

Pick a table at the farmer's market.

- Tally how many fruits or vegetable containers remain.
- Create a bar graph to show the results.
- What do you notice about your data?

(If you can't go to a farmer's market, count how many of each fruit and vegetable you have in your fridge.)

Students Entering Grade 3

You have \$20 to spend at the farmer's market.

- What items can you buy?
- Would you have any money left over? If so, how much?

(If you can't go to a farmer's market, use the following table.)

Item	Cost
Peach	\$3.90/lb.
Grapes	\$6.50/lb.
Peppers	75 cents each
Tomatoes	\$2.90/lb.
Spinach	\$3 a bag
Green Beans	\$3.50/lb.
Zucchini	\$3/lb.

Students Entering Grade 4

Choose a container of fresh fruit (strawberries, blueberries, raspberries, etc.) and share it equally between you and your family members. How many do each of you get? (If you can't go to a farmer's market, use a container of fruit in your fridge.)

Students Entering Grade 5

A farmer has 48 ounces of fruits and vegetables at the farmer's market. They sold two pounds of the fruits and vegetables. How many pounds does the farmer have left?

continued on next page

Family Learning Farmer's Market, continued

Students Entering Grade 6

The farmer is going to separate 40 pounds of blueberries into nine containers equally by weight. How many pounds will each container have?

Students Entering Grade 7

You have \$10. Go to a table at the farmer's market that sells something by pound. Select something you could buy.

- What did you select?
- What is the cost per pound?
- How many pounds can you buy with \$10?
- What is the total cost of your purchase?
- Do you have any change left over from your purchase, and if so, how much?

(If you can't go to a Farmer's Market, use a flier from a grocery store.)

Students Entering Grade 8

At the farmers market, go to one of the vendors and ask what their most popular item is.

- What vendor did you go to and what is their most popular item?

To simulate their most commonly purchased item, you could write the name of each item they sell on a piece of paper and put it in a bag, draw from the bag 100 times, and see which item is chosen the most.

- Why is this simulation a bad way to figure out the most commonly purchased item from this vendor?
- How might you create a simulate for this situation in order to get a good prediction of the most commonly chosen vendor?

