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Module 05: Public Health & Water Quality

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## Student Pages - Answer Key

Center for Urban Resilience

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**Name:** Teacher Version      **Date:** \_\_\_\_\_      **Class/Period:** \_\_\_\_\_

## Lesson 6.2: Where can I get food in my neighborhood?

**Objective:** Using Google maps, you will explore the food sources that you have available to you in your neighborhood.

**Directions:**

## Google Maps

1. Go to Google (<http://www.google.com>)
2. Click on “Maps” which is found in the upper left-hand corner.
3. Type in your address in the upper section to search the map.
4. Click “Search Maps”.
5. A pop-up will appear next to the marker at your address. In that section, click on “Search nearby”.
6. Type in “Food” and click “Search”.
7. On the left hand side of the screen a list of food sources will appear and they will also be tagged on the map.
8. As you read down the list of food sources, categorize them according to the table below. List the business name of each food source that is within 3 miles of your home in the correct category below.

<b>Supermarket</b>	<b>Convenience Store</b>	<b>Fast Food</b>	<b>Restaurant</b>	<b>Farmer's Market</b>
<i>Answers will vary.</i>	<i>Answers will vary.</i>	<i>Answers will vary.</i>	<i>Answers will vary.</i>	<i>Answers will vary.</i>
<b>Total #</b>	<b>Total #</b>	<b>Total #</b>	<b>Total #</b>	<b>Total #</b>

**Part II:**

The video used to introduce this lesson as well as data from various urban areas suggest that there is a difference in the access to food depending on the area in which an individual lives. You will use this section to gather data on a new location that you think might have different results than what you found in your neighborhood. Before beginning, explain why you chose this location and why you think the data will be different.

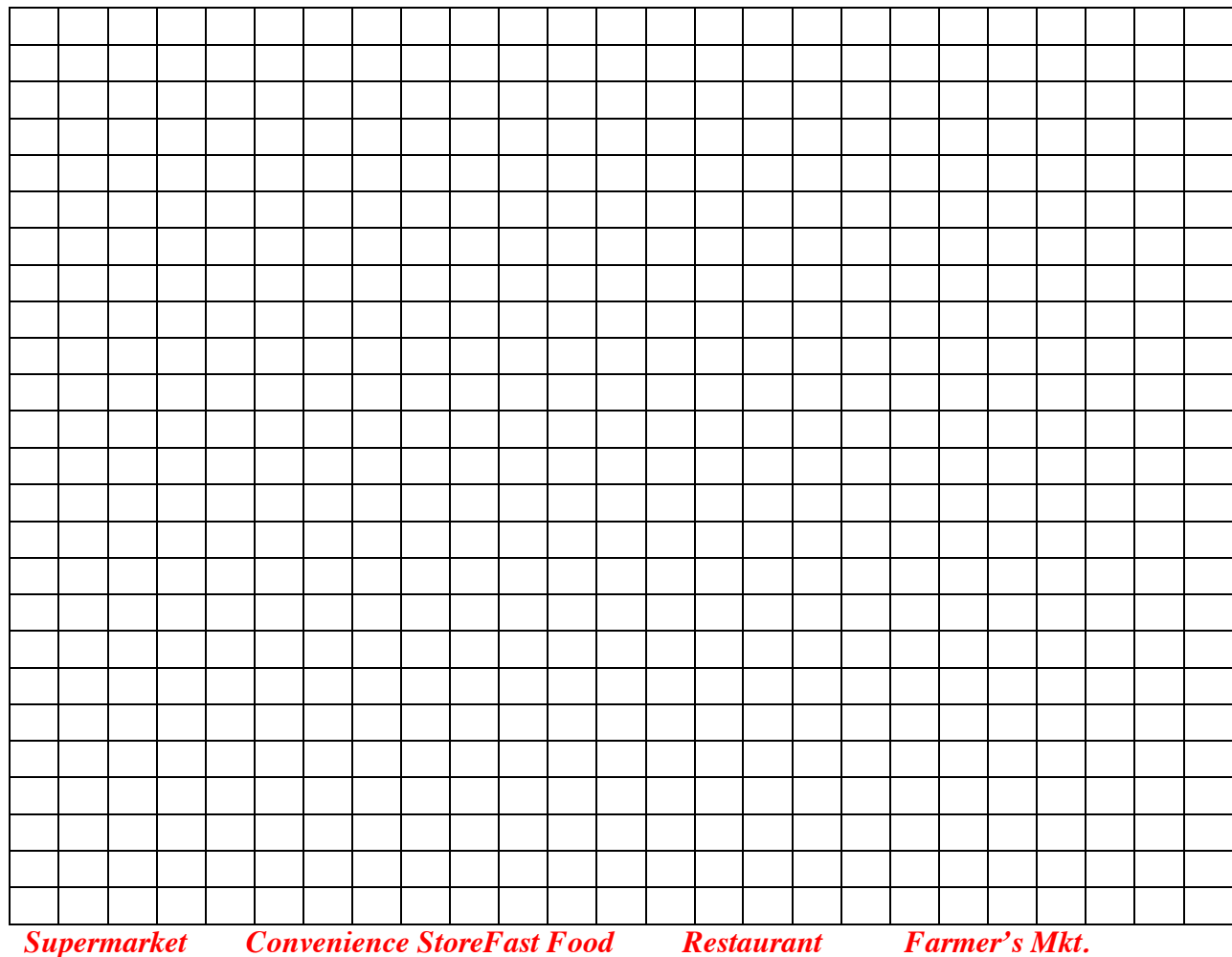
Location: \_\_\_\_\_

Reason for difference: \_\_\_\_\_

<b>Supermarket</b>	<b>Convenience Store</b>	<b>Fast Food</b>	<b>Restaurant</b>	<b>Farmer's Market</b>
<b>Total #</b>	<b>Total #</b>	<b>Total #</b>	<b>Total #</b>	<b>Total #</b>

**Directions:**

Draw a bar graph using the class data you collected above, then answer the questions below.



*X-axis should be labeled with each category of food source.*

*Y-axis should be labeled with the average number of food sources for each category.*

1. How does the data above relate to what you have discussed about food deserts?

*Answers will vary.*

2. How much of your food choices are determined by what's around you vs. influences from culture or money?

*Answers will vary.*

3. If you had \$10 to spend on food for a family of four a day (\$70/week). What would you buy and why? (Refer to the shopping list as guide)

*Answers will vary.*

4. What if you had \$20 to spend on food for a family of four a day (\$140/week)? Would your choices change? Would they be healthier or not? Explain. (Refer to the shopping list as a guide)

*Answers will vary.*

**Extension:** Cardiovascular disease is the leading cause of death in the world. It accounts for 33% of all the yearly deaths. Some eating habits that seem to contribute to the incidence of cardiovascular disease are

- \_\_\_\_\_ A diet that is high in fat.
- \_\_\_\_\_ A diet that is low in vegetables.
- \_\_\_\_\_ A diet that is low in fruits.

- a. Do you think your food choices with different budgets (Questions 2 and 3) would contribute differently to your risk for cardiovascular disease in the future? Explain.

*Answers will vary.*