



# Feeding a Family

Research how much you would need to spend to feed a family of four for one week. Plan 3 meals per day, using **healthy** food choices. You may choose to use internet grocery stores to find the cost of individual food items, visit a supermarket, or use grocery store fliers.

## Requirements:

- Create a menu for each day of the week.
- Show all your work, including the costs of individual items, the total costs per day, and the total costs for one week.
- Create a line graph to show total costs for each day of the week.
- Explain how you collected your data, how you made your food choices, and the math you used in completing this project.
- Read through your project. Have you used correct spelling, punctuation, capitalization, grammar and paragraphing? Edit your work as needed.
- Think of a creative way to present your project!

Project Due Date: \_\_\_\_\_

# Feeding a Family Project Rubric

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Requirements	4	3	2	1
<b>Show Your Work</b>	All work is shown and calculations completed correctly	All work is shown with one minor calculation error	Not all work is shown <u>or</u> work contains several calculation errors	Work is not shown <u>or</u> work contains many calculation errors
<b>Daily Menus</b>	All daily menus show healthy food choices	Most daily menus show healthy food choices	Some daily menus show healthy food choices	Daily menus do not show healthy food choices
<b>Line Graph</b> (include title, labels on each axis and appropriate scale)	Line graph includes all necessary features. Data is plotted correctly.	Line graph has one feature missing . Data is plotted correctly.	Line graph has two features missing <u>or</u> some data is not plotted correctly.	Line graph has more than two features missing <u>or</u> data is plotted incorrectly.
<b>Explanation</b>	Explanation is very clear and logical	Explanation is clear and logical	Some parts of the explanation are clear	Explanation is unclear <u>or</u> is not included
<b>Writing Conventions</b> <ul style="list-style-type: none"> <li>• spelling</li> <li>• punctuation</li> <li>• capitalization</li> <li>• grammar</li> <li>• paragraphing</li> </ul>	Strong grasp of grade level writing conventions demonstrated	Sound grasp of grade level writing conventions demonstrated. Some minor errors that do not impair readability.	Basic grasp of grade level writing conventions demonstrated. Errors impair readability.	Minimal grasp of grade level writing conventions demonstrated
<b>Presentation</b>	Project is presented in an organized, creative and highly effective way	Project is presented in an organized and effective way	Some parts of the project are presented in an organized and effective way	Project is not organized <u>or</u> presentation shows minimal effort

**Total**

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# A Class Pizza Party

Your class has decided to have a pizza party to celebrate the end of the school year. Your teacher will donate plates, cups and napkins but would like you to research how much each student will need to contribute towards costs.

## Requirements:

1. Assume that each person in your class, including the teacher, will eat 3 slices of pizza. Calculate how many pizzas you will need. Show your work.
2. Assume a two liter bottle of juice or soda will serve four people. Calculate how many bottles you will need. Show your work.
3. Research the cost of delivery charges, drinks, and small, medium and large pizzas with one topping at three local pizzerias to determine the best option. Show all work. Present your findings in a table.
4. Based on your research write a recommendation to your teacher suggesting:
  - where to purchase the pizza and drinks
  - how much each student will need to contribute to cover the costsBe sure to show all your calculations and explain your thinking clearly.
5. Ask a friend or family member to read your project. Have you used correct spelling, punctuation, capitalization, grammar and paragraphing? Edit your work as needed.
6. Think of a creative way to present your project!

Project Due Date: \_\_\_\_\_

# A Class Pizza Party Project Rubric

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Requirements	4	3	2	1
<b>Show Your Work</b>	All work is shown and calculations completed accurately	All work is shown with one minor calculation error	Not all work is shown <u>or</u> work contains 2-3 calculation errors	Work is not shown <u>or</u> work contains more than 3 calculation errors
<b>Table</b>	Information from local pizzerias is presented very clearly in table	Information from local pizzerias is presented clearly in table	Some information from local pizzerias is presented clearly in table	Information in table is unclear <u>or</u> some information is missing
<b>Recommendation to Teacher</b>	Recommendation is very clear and based on data	Recommendation is reasonably clear and based on data	Some parts of the recommendation are clear and based on data	Recommendation is unclear <u>or</u> not based on data
<b>Writing Conventions</b> <ul style="list-style-type: none"> <li>• spelling</li> <li>• punctuation</li> <li>• capitalization</li> <li>• grammar</li> <li>• paragraphing</li> </ul>	Strong grasp of all grade level writing conventions evident.	Strong grasp of grade level writing conventions evident. Has some minor errors that do not impair readability.	Basic grasp of grade level writing conventions evident. Errors impair readability.	Minimal grasp of grade level writing conventions apparent. Numerous errors distract or confuse reader.
<b>Presentation</b>	Project is presented in an organized, creative and highly effective way	Project is presented in an organized and effective way	Some parts of the project are presented in an organized and effective way	Project is not organized <u>or</u> presentation shows minimal effort

**Total      /20**

# Planning a Birthday Party



You are planning a birthday party. Your parents have agreed that you may invite four friends and will give you \$120.00 to buy everything that you need.

## Requirements:

- Use the internet, your local supermarket, or grocery store advertisements to research the cost of a birthday dinner for you and four guests at your house. You must include the cost of invitations, food and drinks, decorations, a birthday cake, and anything else you think you will need.
- Create a shopping list to fit your budget. Try to get as close to \$120.00 as possible.
- How much did you spend in all? Show all your calculations.
- Write a paragraph explaining how you collected the information you needed and the math you used in completing this project.
- Think of a creative way to present your project! You can make a poster, a book, use technology, cut and paste pictures from grocery store catalogues or come up with your own ideas.
- Ask a friend or family member to read your project. Have you used correct spelling, punctuation, capitalization, grammar and paragraphing? Edit your work as needed.

Project Due Date: \_\_\_\_\_

# Planning a Birthday Party Project Rubric

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Requirements	4	3	2	1
<b>Show Your Work</b>	All calculations are shown and completed accurately	All calculations are shown with one error	Most calculations are shown <u>or</u> calculations contain several errors	Calculations are not shown <u>or</u> contain numerous errors
<b>Explanation</b> (How did you collect your information, what math did you use?)	Explanation is very clear and logical	Explanation is clear and logical	Parts of the explanation are clear	Explanation is unclear <u>or</u> is not included
<b>Budget</b>	Costs fall within \$5.00 of given budget	Costs fall within \$10.00 of given budget	Costs fall within \$15.00 of given budget	Costs are more than \$15.00 above given budget
<b>Writing Conventions</b> <ul style="list-style-type: none"> <li>• spelling</li> <li>• punctuation</li> <li>• capitalization</li> <li>• Grammar</li> <li>• paragraphing</li> </ul>	Strong grasp of grade level writing conventions evident	Sound grasp of grade level writing conventions evident. Has some minor errors that do not impair readability.	Basic grasp of grade level writing conventions evident. Errors interfere with reader's understanding.	Minimal grasp of grade level writing conventions apparent. Numerous errors distract or confuse reader.
<b>Presentation</b>	Project is presented in an organized, creative and highly effective way	Project is presented in an organized and effective way	Some parts of the project are presented in an organized and effective way	Project is not organized <u>or</u> presentation shows minimal effort

**Total     /20**