



Bayonne Public Schools

667 Avenue A.
Bayonne, New Jersey 07002

Ann Marie Palmieri-Monahan
Director of Mathematics
District SRA Coordinator

(20)1-858-5920
Fax (20)1-243-2470
monahana@bboed.org

June 1, 2009

Dear Parents/Guardians,

The Bayonne School District's goal is the education of Bayonne's children. It is our expectations that students see the beauty and importance of mathematics.

These Mathematical projects and activities allow students to explore mathematics in exciting ways. Your child will be receiving a packet of math activities which he/she will complete over the summer months. All assignments must be presented to your child's math teacher no later than Monday, September 14, 2009 and will count as one test grade for the first marking period.

Make Math a part of your summer by looking for numbers and shapes on your walks and trips. Practice your basic facts daily!

As partners in your child's education, we request that you sign and return the form below to your child's current mathematics teacher no later than June 5, 2009.

Patricia L. McGeehan, Ed.D.
Superintendent of Schools

Ellen M. O'Connor, Ed.
Assistant Superintendent

Ann Marie Palmieri-Monahan
Director of Mathematics

-----Please cut and return bottom portion to your child's teachers-----

STUDENT NAME _____ GRADE _____

TEACHER _____ SCHOOL _____

PARENT/GUARDIAN SIGNATURE _____

Bayonne Public Schools

www.bboed.org

Building Bridges to Algebra I



Grade 8 to Algebra I

Summer Math Enrichment Project 2009

Patricia L. McGeehan, Ed.D.

Superintendent

Ellen M. O'Connor, Ed.D.

Assistant Superintendent

Ann Marie Palmieri-Monahan

Director of Mathematics

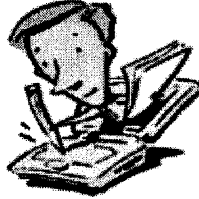
Name: _____

Date: _____

Teacher: _____

BHS Algebra I Summer Project

A Festival Meal



| CATEGORY | 4 | 3 | 2 | 1 |
|--------------------------------------|---|--|---|---|
| Mechanics of Speaking/Writing | Explanation is detailed and clear. | Explanation is clear. | Explanation is a little difficult to understand, but includes critical components. | Explanation is difficult to understand and is missing several components OR was not included. |
| Organization and Structure | The work is presented in a neat, clear, organized fashion that is easy to read. | The work is presented in a neat and organized fashion that is usually easy to read. | The work is presented in an organized fashion but may be hard to read at times. | The work appears sloppy and unorganized. It is hard to know what information goes together. |
| Mathematical Concepts | Explanation shows complete understanding of the mathematical concepts used to solve the problem(s). | Explanation shows substantial understanding of the mathematical concepts used to solve the problem(s). | Explanation shows some understanding of the mathematical concepts needed to solve the problem(s). | Explanation shows very limited understanding of the underlying concepts needed to solve the problem(s) OR is not written. |
| Creativity | Diagrams and/or sketches are clear and greatly add to the reader's understanding of the procedure(s). | Diagrams and/or sketches are clear and easy to understand. | Diagrams and/or sketches are somewhat difficult to understand. | Diagrams and/or sketches are difficult to understand or are not used. |
| Completion | All problems are completed. | All but 1 of the problems are completed. | All but 2 of the problems are completed. | Several of the problems are not completed. |

Total Points: _____ x 4 = _____

Teacher(s) Comments:

This project is to be handed in to your Algebra I teacher on September 14, 2009 and will count as one test grade for the first marking period.

A Festive Meal

For this project, you need to plan and prepare a festive meal with family and friends. It can be for a special occasion, like a holiday barbecue or a birthday party, or just a nice dinner at home.

You must:

- ✓ Assemble your project as a booklet.
- ✓ Write a brief introduction that describes the event
 - What was the occasion?
 - When did it take place?
 - Where was it held?
 - Make a list of everyone who came to the meal.
- ✓ Show the menu for the meal.
- ✓ Make an itemized list of everything you bought for the meal showing how much each item cost and find the total, or you can gather the information from internet sites and local food circulars. (Print from the computer or cut and paste from the circulars and place in your booklet).
- ✓ Write down the recipes for an appetizers, main dish, and dessert that were served at the meal.
- ✓ Write down the new recipe that you would use to feed the whole party.



For example:

If I have 28 people at the party I must double my recipe for everyone to enjoy a cookie. My new recipe would look similar to:

| Cookie Recipe (16 cookies per batch) | Cookies Recipe (for 32 cookies) |
|---|---|
| 2 cups minus 2 tablespoons | 4 cups minus 4 tablespoons |
| 8 1/2 ounces cake flour | 17 ounces cake flour |
| 1 2/3 cups bread flour | 2 1/3 cups bread flour |
| 1 1/4 teaspoons baking soda | 2 1/2 teaspoons baking soda |
| 1 1/2 teaspoons baking powder | 3 teaspoons baking powder |
| 1 1/2 teaspoons coarse salt | 3 teaspoons coarse salt |
| 2 1/2 sticks unsalted butter | 5 sticks unsalted butter |
| 1 1/4 cups light brown sugar | 2 1/2 cups light brown sugar |
| 1 cup plus 2 tablespoons granulated sugar | 2 cup plus 4 tablespoons granulated sugar |
| 2 large eggs | 4 large eggs |
| 2 teaspoons natural vanilla extract | 4 teaspoons natural vanilla extract |
| 1 1/4 pounds bittersweet chocolate disks | 2 1/2 pounds bittersweet chocolate disks |

- ✓ Include photos if you have them or draw an illustration.

Attach Rubric to Project

