



# Bayonne Public Schools

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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 \_\_\_\_\_

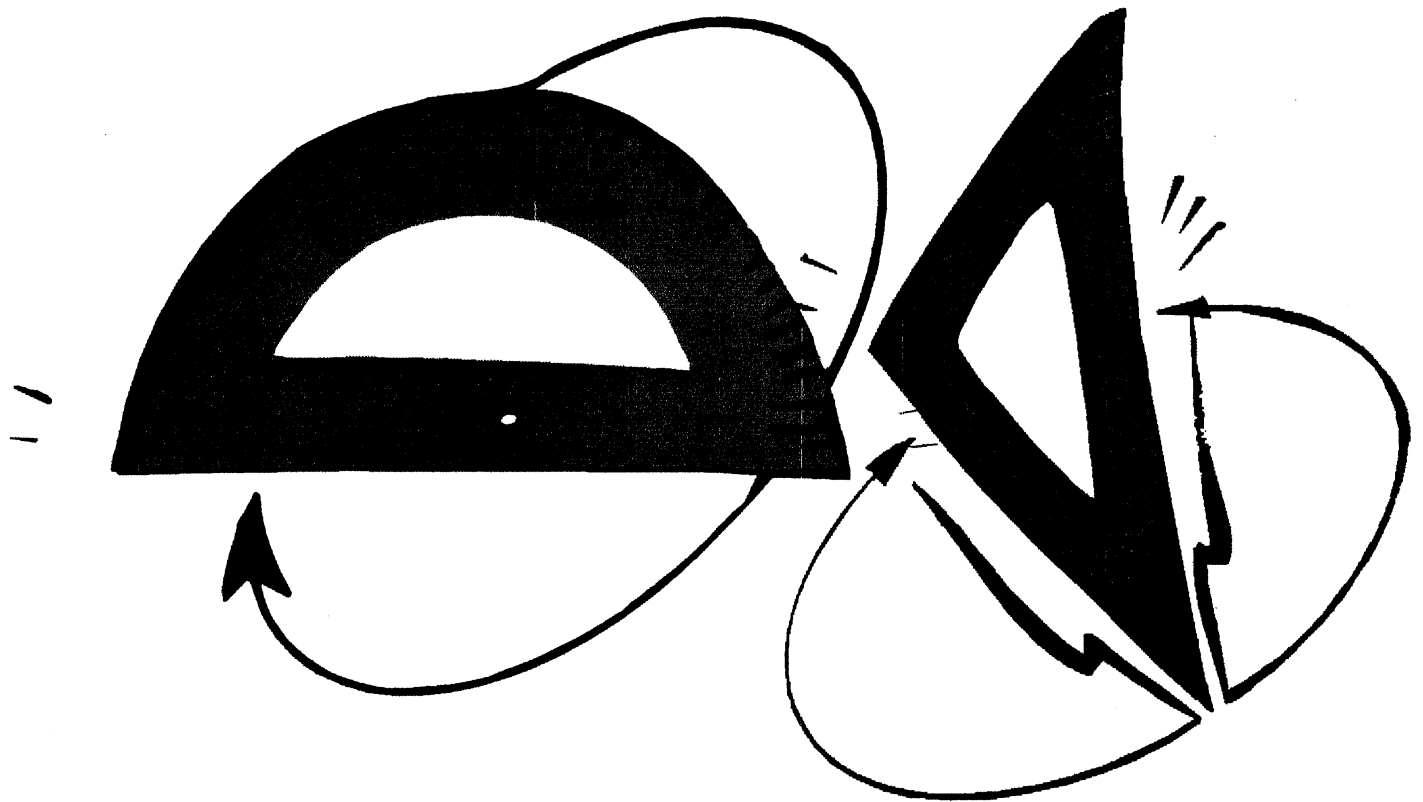
TEACHER \_\_\_\_\_ SCHOOL \_\_\_\_\_

PARENT/GUARDIAN SIGNATURE \_\_\_\_\_

Bayonne Public Schools

[www.bboed.org](http://www.bboed.org)

# Building Bridges to Geometry



## Algebra I to Geometry

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 Geometry Summer Project

## Vacation Project

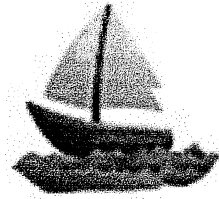


CATEGORY	4	3	2	1
<b>Mechanics of Speaking/Writing</b>	Explanation is detailed and clear.	Explanation is clear.	Explanation is a little difficult to understand, but includes critical components.	Explanation is difficult to understand and is missing several components OR was not included.
<b>Organization and Structure</b>	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.
<b>Mathematical Concepts</b>	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.
<b>Creativity</b>	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.
<b>Completion</b>	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 Geometry teacher on September 14, 2009 and will count as one test grade for the first marking period.



# Vacation Project

## Scenario

You've worked hard, saved all your earnings, and cash gifts. Now you have \$5,000.00 in your bank account. You've decided to plan your summer vacation trip! You can go anywhere you want.

## Directions

1) Use any of the websites to plan your trip.

[www.expedia.com](http://www.expedia.com)

[www.gotoday.com](http://www.gotoday.com)

[www.travelocity.com](http://www.travelocity.com)

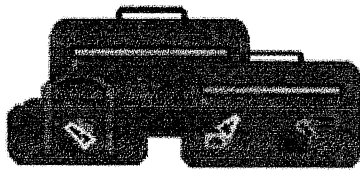
[www.orbitz.com](http://www.orbitz.com)

[www.cheaptickets.com](http://www.cheaptickets.com)

[www.hotels.com](http://www.hotels.com)

2) Fill out your vacation planning form. (Attached)

3) Be prepared to share with the class.



## Vacation Time!

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

1. Where do you plan to go for your summer vacation?

2. How many days is your trip?

3. Departure date and time

Airport:

Airline and Flight Number:

Do you have connecting flights?

If yes, name the airport, connecting flight number, and boarding time

a.

b.

c.

4. What time do you need to leave your house to make it to the airport on time? (Remember to be at the airport at least an hour before for check-in)

Time to be at the airport:

Use Mapquest to calculate distance and travel time from your house to the airport. Print out the sheet.

5. When you get to your destination, where will you be staying (Name of your hotel and address of hotel)

Hotel:

Print out a picture of your hotel, a picture of your room, and rate per room.

**Use the visitor's guide to complete the following:**

6. Print out a map of your area.
7. How will you get around? Will you drive or take public transportation?

8. What is your budget for food (breakfast, lunch, and dinner) each day?

9. List 3-4 activities you'd like to do while you're on vacation (Examples: restaurants, ball games, shopping). Include a printout of your activities.

10. What types of activities will you do each day? For example, will you do some sight-seeing, shopping, or will you just hang out?

Day 1:

Day 2:

Day 3:

Day 4:

Day 5:

Day 6:

Day 7:

Day 8:

The hotel provides a shuttle to take you to the airport. The shuttle leaves every half hour.

11. Based on your departure ticket, what time do you need to be at the airport? Remember, you need to be at least 1 hour early for check-in.

Time:

12. What time should you board the shuttle if the travel time is a half an hour to the airport?

Time:

13. What is your airline and flight number for your returning flight?

Any connecting flights?

If yes, what airport will you stop over?

What is your flight number?

14. What time will you arrive at the airport?

15. Use the vacation budget planner to assist you in calculating all your expenses. (Attached)

Vacation Expenses	Actual	Vacation Expenses	Actual
<b>Transportation</b>		<b>Food &amp; Drink</b>	\$
Airfare Adults	\$	Snacks	\$
Airfare Children	\$	Breakfasts	\$
Parking at Airport	\$	Lunches	\$
Transportation	\$	Dinners	\$
Other:	\$	Other:	\$
<b>Lodging</b>		<b>Tickets</b>	\$
Hotels	\$	Museums	\$
Motels	\$	Amusement Parks	\$
Other:	\$	Ball Games	\$
		Other	\$
<b>Things to Get Here</b>	\$		
Suitcases	\$	<b>Other Expenses</b>	
Maps / Road Atlas	\$		\$
Guide Books	\$		\$
Language Guides	\$		\$
Books & Magazines			\$
Other:	\$		\$
			\$
<b>Things to Get There</b>	\$		\$
Souvenirs	\$		\$
			\$
	\$		\$
	\$		\$
	\$		\$
	\$		\$
	\$		\$
	\$		\$
	\$	<b>Expenses Total</b>	\$

