




Millennium High School

75 Broad Street, 13th floor, New York, NY 10004

Phone 212-825-9008 ~ Fax 212-825-9095 ~ www.millenniumhs.org

Robert Rhodes, Principal

 A collaboration with
The Chinatown YMCA

All Summer Assignments are due on the first day of school: Thursday, September 8, 2011

If you have questions you can contact teachers through the school website:

<http://www.millenniumhs.org>

English Summer Assignment

Dear 9th grader,

During the upcoming school year, you and your classmates will be exploring various themes while honing your reading and writing skills. To get a head start on this process, please complete the following assignment over the summer. It is due on the first day of school:

- Choose TWO books from the book list to read.
- While reading each book, take a minimum of two pages of notes (typed is preferable but not required) that focus on aspects of the reading that strike you as significant.
 - Remember, you must take a *total* of at least four pages of notes.
 - It might be easier to read for a short period of time, stop, and then take notes rather than trying to take notes while you are reading.

Please select books that interest you and are appropriate for your reading level. Bring your notes to English class on the first day of school. We look forward to meeting you and learning together!

BOOKLIST:

A Separate Peace by John Knowles
Annie John by Jamaica Kincaid
Bone by Fae Myenne Ng
Cry, the Beloved Country by Alan Paton
Drown by Junot Diaz
Durable Goods by Elizabeth Berg
Extremely Loud & Incredibly Close by Jonathan Safran Foer
Farewell to Manzanar by Jeanne W. Houston
Great Expectations by Charles Dickens
How the Garcia Girls Lost Their Accents by Julia Alvarez
Nectar in a Sieve by Kamala Markandaya
The Absolutely True Diary of a Part-Time Indian by Sherman Alexie
The Adventures of Tom Sawyer by Mark Twain
The Chosen by Chaim Potok
The Color of Water by James McBride
The Grapes of Wrath by John Steinbeck
The Heart is a Lonely Hunter by Carson McCullers

Sincerely,
Ms. Geiger & the 9th Grade English Team




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Mathematics Summer Assignment

Dear 9th grader,

During the upcoming school year, you and your classmates will be exploring three major topics within Algebra – Linear Functions, Exponential Functions and Quadratic Functions. To get a head start on this process, you will need to hone your pre-algebra skills by completing the following online assignment. Please follow the steps provided below in order to complete this assignment by **Wednesday, September 7, 2011, 9pm.**

You will need:

- Internet Connection (Your local library can always provide this)
- An email account

What you will need to do:

- 1) Either using latest version of Mozilla Firefox or Google Chrome go to the website:
<http://www.mvamath.com/>
- 2) Click “Create New Account”
- 3) Enter the Teacher code:

If your last name begins with letter A-M, Use this: **496281** (Teacher - Mr. Becker)

If your last name begins with letter N-Z, Use this: **567927** (Teacher – Mrs. Wan Reid)

- 4) Choose a password (make it easy to remember!)
- 5) Check your email for the email from the site
- 6) When ready to complete the assignment, Log in to the site and start assignment
“MHS incoming 9th Grade Math Assignment”

<input type="checkbox"/>	HW #1 – Adding/Subtracting/Multiplying Integers
<input type="checkbox"/>	HW #2 – Reducing & Manipulating Fractions
<input type="checkbox"/>	HW #3 – Isolating/Solving Variables
<input type="checkbox"/>	HW #4 – Translating Words to Expressions

Sincerely,
Mr. Becker & Ms. Wan Reid
beckermhs@gmail.com & udothemath@gmail.com



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9th Grade Science Summer Assignment

Directions:

1) Submit your responses online:

Please complete Part 1 at <http://www.surveymonkey.com/s/6GWLX5C>

Please complete Part 2 at <http://www.surveymonkey.com/s/ZKRBJK8>

2) You must also bring in a hardcopy of your answers on **Thursday, Sept. 8, 2011.**

Part 1

1. Full Name:

Nickname (if applicable):

Email Address:

2. Place a metric ruler across the center of a dime and measure its diameter in centimeters. Which is the most precise measurement?

(A) 1.7 cm (B) 1.72 cm (C) 1.725 cm (D) 2 cm (E) None of the above

3. Place a metric ruler across the center of a quarter and measure its diameter in centimeters. Which is the most precise measurement?

(A) 2.4 cm (B) 2.40 cm (C) 2.400 cm (D) 2.5 cm (E) None of the above

4. Place a metric ruler along the shorter edge of the dollar bill and measure its width in millimeters. Which is the most precise measurement?

(A) 16.6 mm (B) 6.6 mm (C) 6.60 mm (D) 66.0 mm (E) None of the above

5. Place a metric ruler along the shorter edge of the dollar bill and measure its width in centimeters. Which is the most precise measurement?

(A) 16.6 cm (B) 6.6 cm (C) 6.60 cm (D) 66.0 cm (E) None of the above

6. How many millimeters are equal to 500 centimeters?

(A) 10 (B) 100 (C) 1000 (D) 500 (E) 5000 (F) None of the above

7. How many meters are equal to 500 kilometers?

(A) 10 (B) 100 (C) 1000 (D) 500 (E) 5000 (F) None of the above

8. How many millimeters are equal to 500 kilometers?

(A) 100 (B) 1000 (C) 500 (D) 500,000 (E) 500,000,000 (F) None of the above

9. Rank your ability to complete the questions in Part 1 of this summer homework.

	<i>Very Easy</i>	<i>Easy</i>	<i>Just Right</i>	<i>Difficult</i>	<i>Very Difficult</i>
Measurement (Question #2-4)					
Unit Conversion (Question #5-8)					

10. Did anyone help you with Part 1 or Part 2 of this assignment? Please check all that apply.


(A) parent (B) peer (C) internet (D) other family member (E) other source

(F) I completed the assignment on my own.



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Part 2

11. Rate yourself as a science student.

	<i>very weak</i>	<i>weak</i>	<i>average</i>	<i>strong</i>	<i>very strong</i>	<i>n/a</i>
Reading about science						
Writing about science						
Talking about science						
Thinking about science						

12. What grade did you earn in your science class last year?

- (A) 90-100% (B) 80-90% (C) 70-80% (D) less than 70% (E) I did not study science last year

13. Which New York State Regents Exam have you taken?

- (A) Living Environment (B) Earth Science (C) I have not taken a science Regents exam.
(D) Other Exam _____

14. What was your score on the Science Regents Exam?

- (A) 90-100% (B) 80-90% (C) 70-80% (D) less than 70% (E) I have not taken a science Regents Exam

15. On a scale of 1-5, rank your skills in the following areas:

	<i>very weak</i>	<i>weak</i>	<i>average</i>	<i>strong</i>	<i>very strong</i>
reading					
writing					
math					

16. Which method best helps you to learn a new concept?

- (A) Reading about it (B) Looking at diagrams and pictures (C) Talking it out with someone
(D) Hands-on activity (E) Listening to a teacher

17. Complete the following statement: When given a project, I prefer to...

- (A) work by myself. (B) work with a partner. (C) work in a group.

18. How do you prepare for quizzes? Please check all that apply.

- (A) I re-read my class notes. (B) I use flashcards. (C) Someone quizzes me.
(D) I use another study tool. (E) I usually do not prepare for quizzes.

19. Which of the following do you have access to at home? (Please check all that apply.)

	<i>Yes</i>	<i>No</i>
computer		
printer		
internet		

20. Something else I would like to share about myself is...




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Foreign Language Assignment

Name _____ Date _____ Class _____

English Grammar Review

The MHS Foreign Language Department believes that in order to learn a second language one must have a good understanding of the grammar and mechanics of one's native language. Your summer assignment will have you work on some key English grammar concepts. Complete the five grammar exercises. Use the attached reference sheets to review the concepts. You may also refer to the following website for help: <http://owl.english.purdue.edu/handouts/grammar/>

EXERCISE #1

ADVERBS and ADJECTIVES

Adjectives modify nouns; adverbs modify verbs, adjectives, and other adverbs. You can recognize adverbs easily because many of them are formed by adding -ly to an adjective.

Choose the correct item from the choices in the parentheses:

1. He (correct, correctly) defined the terms. The answer sounded (correctly, correct).
2. She (quickly, quick) adjusted the fees. She adapted (quick, quickly) to any situation.
3. He measured the floor (exact, exactly). They proved to be (perfectly, perfect) (exact, exactly) measurements.
4. The stillness of the tomb was (awfully, awful). The tomb was (awfully, awful) still.
5. It was a (dangerously, dangerous) lake to swim in. The man was (dangerous, dangerously) driving.
6. She performed (magnificent, magnificently). It was a (magnificent, magnificently) beautiful performance.
7. Her voice sounds (beautifully, beautiful). She sang the song (exact, exactly) as it was written. We heard it (perfectly, perfect).
8. He was a very (sensibly, sensible) person. He acted very (sensible, sensibly).
9. Mike wrote too (slow, slowly) on the exam. He always writes (slow, slowly).




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10. Talk (softly, soft) or don't talk at all. The music played (softly, soft).
11. Andrea knows the material very (good, well). She always treats us (good, well).
12. You must send payments (regular, regularly). We deal on a (strictly, strict) cash basis.
13. The mechanic's tools were (well, good). The foreman said that his work was (good, well) done.
14. She worked (careful, carefully) with the sick child. She was a very (careful, carefully) worker.
15. He did not pass the course as (easy, easily) as he thought he would.
16. I find this novel very (interesting, interestingly). It was (interesting, interestingly) written.

EXERCISE #2

Making Subjects and Verbs Agree

Refer to the Subject/Verb Agreement reference sheet for help.

Choose the correct form of the verb that agrees with the subject.

1. Annie and her brothers (is, are) at school.
2. Either my mother or my father (is, are) coming to the meeting.
3. The dog or the cats (is, are) outside.
4. Either my shoes or your coat (is, are) always on the floor.
5. George and Tamara (doesn't, don't) want to see that movie.
6. Benito (doesn't, don't) know the answer.
7. One of my sisters (is, are) going on a trip to France.
8. The man with all the birds (live, lives) on my street.
9. The movie, including all the previews, (take, takes) about two hours to watch.
10. The players, as well as the captain, (want, wants) to win.




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11. Either answer (is, are) acceptable.
12. Every one of those books (is, are) fiction.
13. Nobody (know, knows) the trouble I've seen.
14. (Is, Are) the news on at five or six?
15. Mathematics (is, are) John's favorite subject, while Civics (is, are) Andrea's favorite subject.
16. Eight dollars (is, are) the price of a movie these days.
17. (Is, Are) the tweezers in this drawer?
18. Your pants (is, are) at the cleaner's.
19. There (was, were) fifteen candies in that bag. Now there (is, are) only one left!
20. The committee (debates, debate) these questions carefully.
21. The committee (leads, lead) very different lives in private.
22. The Prime Minister, together with his wife, (greet, greets) the press cordially.
23. All of the CDs, even the scratched one, (is, are) in this case.

Exercise #3

Articles

Directions: Fill in the blank with the appropriate article, a, an, or the, or leave the space blank if no article is needed. **Refer to the Articles Reference Sheet for help.**

1. I want ____ apple from that basket.
2. ____ church on the corner is progressive.
3. Miss Lin speaks ____ Chinese.
4. I borrowed ____ pencil from your pile of pencils and pens.




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5. One of the students said, " ____ professor is late today."
- 6 Eli likes to play ____ volleyball.
7. I bought ____ umbrella to go out in the rain.
8. My daughter is learning to play ____ violin at her school.
9. Please give me ____ cake that is on the counter.
10. I lived on ____ Main Street when I first came to town.
11. Albany is the capital of ____ New York State.
12. My husband's family speaks ____ Polish.
13. ____ apple a day keeps the doctor away.
14. ____ ink in my pen is red.
15. Our neighbors have ____ cat and ____ dog.

Exercise #4

Apostrophes

The apostrophe has three uses:

- 1) to form possessives of nouns
- 2) to show the omission of letters
- 3) to indicate certain plurals of lowercase letters.

Apostrophes are NOT used for possessive pronouns or for noun plurals, including acronyms.

Punctuate the following sentences with apostrophes according to the rules for using the apostrophe.

1. Whos the partys candidate for vice president this year?
2. The fox had its right foreleg caught securely in the traps jaws.
3. Our neighbors car is an old Chrysler, and its just about to fall apart.
4. In three weeks time well have to begin school again.
5. Didnt you hear that theyre leaving tomorrow?




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6. Whenever I think of the stories I read as a child, I remember Cinderellas glass slipper and Snow Whites wicked stepmother.
7. We claimed the picnic table was ours, but the Smiths children looked so disappointed that we found another spot.
8. Its important that the kitten learns to find its way home.
9. She did not hear her childrens cries.
10. My address has three 7s, and Tims phone number has four 2s.
11. Didnt he say when he would arrive at Arnies house?
12. Its such a beautiful day that Ive decided to take a sun bath.
13. She said the watch Jack found was hers, but she couldnt identify the manufacturers name on it.
14. Little girls clothing is on the first floor, and the mens department is on the second.
15. The dogs bark was far worse than its bite.
16. The moons rays shone feebly on the path, and I heard the insects chirpings and whistlings.
17. Theyre not afraid to go ahead with the plans, though the choice is not theirs.
18. The man whose face was tan said that he had spent his two weeks vacation in the mountains.
19. I found myself constantly putting two cs in the word process.
20. Johns 69 Ford is his proudest possession.




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EXERCISE #5

DEFINE THE FOLLOWING TERMS:

Noun	
Verb	
Adjective	
Adverb	
Article	
Pronoun	
Subject	




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Global Summer Assignment

Take one to two pages of notes on the article "Introduction to Human Evolution" and embedded video from the Smithsonian Museum. Use the link below to access the article and video:

<http://humanorigins.si.edu/resources/intro-human-evolution>