

The Cobble Hill School of American Studies

Anna Maria Mule, Principal

CLASSROOM EXPECTATIONS SPRING Spring 2016

Course Title: Algebra 2 and Trigonometry

Teacher: Mr. Derys e-mail: Bderys@schools.nyc.gov

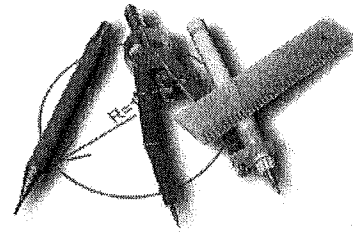
Room #: 416

Dear Parents/Guardians:

Hello, my name is Mr. Derys and I will be your child's Algebra 2 teacher this semester. Please take a moment to read these expectations and sign below. The strongest ally I have in the classroom is **YOU** - as the combined effort of parents and teachers produce the most positive results in your child's education. Thank you in advance for your support. Please do not hesitate to call or email if you have any concerns or questions. I can be reached @ 718-403-9544 ext 416.

REQUIRED MATERIALS EVERYDAY

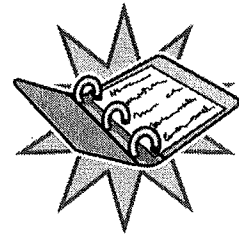
- 1) 3 ring binder with 2 pockets, five dividers
- 2) Scientific/ Graphing calculator
- 3) Graph paper, loose leaf paper.
- 4) Pencils & pens



BINDER

Each student will be required to keep a binder. The binder will be divided into 4 sections. The sections are as follows:

- 1) Class notes
- 2) Class work
- 3) Homework
- 4) Tests & Quizzes



ABSENCE

If you are absent, you are required to bring a note from your parent explaining your absence. Once this note is received by your teacher, you will receive the work you missed. It is your responsibility to make up all missed assignments. Each student should make arrangements with another student in class to receive all assignments missed.

Grading Policy: The student's grade will be made up of 5 parts:

Exams, Tests and Quizzes (40%)

Quizzes will gauge on-going learning and may be 'POP' or pre-announced. Tests are given at the end of each unit of study and will be used to measure the level of student learning. There will be a midterm exam and a final exam.

Homework: (20%)

There will be homework every night. All assignments will be posted or handed out. It is the student's responsibility to get the assignment.

Class Work / Class Participation: (20%)

Students must come to class prepared to work and must participate in class discussion; Being prepared means having all supplies listed above and having completed homework. In addition, the completion of all in-class assignments is required.

Binder/Portfolio: (10%)

The binder is a compilation of all the work a student completes over the semester. It will consist of class notes, homework, tests & quizzes, vocabulary, theorem and postulates

Projects: (10%)

STUDENT RESPONSIBILITIES

- ☒ Be on time & attend class regularly
- ☒ Be prepared and bring your binder, pencils, graph paper, everyday.
- ☒ Participate in daily class activities and complete daily homework assignments.
Memorize vocabulary words, theorems, and postulates
- ☒ Be in your assigned seat before the bell rings.
- ☒ Come in before school if you need help.

TEACHER RESPONSIBILITIES

- ☒ Communicate with parents regarding student's progress in the course.
- ☒ Present material in an understandable way.
- ☒ Be available for students who need help or have questions.

PARENT RESPONSIBILITIES

- ☒ Contact the teacher if there are any questions about the course.
- ☒ Provide a working phone # and a valid e-mail address. "Very Important"
- ☒ Send a note to the school if the student is absent.
- ☒ Be aware of daily homework assigned and monitor its completion.

HELP TIME

**Wednesday - Thursday 2:45 – 4:00 p.m.
Room #416**



I HAVE READ AND UNDERSTAND THE ABOVE COURSE XPECTATIONS. I ACCEPT RESPONSIBILITY FOR THE INFORMATION OUTLINED ABOVE.

Print student name: _____

Student signature _____

Date: _____

Parent/Guardian name: _____

Parent/Guardian signature: _____

Date: _____

Parent email: _____

Phone number & best time to reach you: _____

Comments: _____



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Print student name: _____

Student signature _____

Date: _____

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Syllabus for Algebra 2 and Trigonometry . (Spring 2016)

Teacher: Mr. Derys

Book: ALGEBRA 2 AND TRIGONOMETRY(PRENTICE HALL)

DESCRIPTION : This Course will explore a variety of topics in TIGONOMETRY that include:

Extra Help: After School (Wednesday and Thursday) 2:45 – 4:00

Grading Policy: Exams/Quizzes : 40%; Homeworks:20% ClassParticipation:20%;
Projects: 10%; PBA:10%

Homework: will be assigned daily, must be completed on the day assigned.

Topic	Reading	Homework
1. Trigonometry Functions	Sections: 13.2 : Angles and the Unit Circle 13.3: Radian Measure 13.4: Sine Function 13.5: Cosine Function 13.6: Tangent Function 13.7: Translating Sine and Cosine Function 13.8: Reciprocal Trig. Functions	13.1,13.2,13.4,13.5,13.6,13.13.8
2. Trigonometric Equations	14.2, 14.3	
3. Area of Triangle	Sections: 14.4 : Area of a triangle 14.4: Law of Sines 14.5: Law of Cosines 14.6: Angle Identities	14.4, 14.5,14.6,14.7

	14.7: Double- Angle and Half Angle Identities	
4. Probability	<p>Sections :</p> <p>1.6: Probability</p> <p>12.1 : Probability Distributions</p> <p>12.2 : Conditional Probabilty</p> <p>12.5: Working with Samples</p> <p>12.6: Binomial Distribution</p> <p>12.7: Normal Distribution</p> <p>12.8: Standard Distribution</p> <p>6. 7: Permutations and Combinations</p> <p>6.8: The Binomial Theorem</p>	1.6, 12.1,12.2,12.5,12.6,12.7,12.6.7,6.8
5. Sequence/Series	<p>Sections:</p> <p>11.2: Arithmetic Sequence</p> <p>11:3: Geometric Sequence</p> <p>11:4: Arithmetic Series</p> <p>11:5: Geometric Series</p>	11.2, 11.3, 11.4, 11.5