

Class Materials

- Composition Notebook
- Pencils
- Dividers
- Glue Stick (10)
- Markers
- ½ Binders
 - ◆ 1st Blue
 - ◆ 2nd Green
 - ◆ 3rd- White

Student Use of Classroom Technology

School Policy: Students are not permitted to use cell phones during class time unless explicitly instructed. All phones will be confiscated if the rules are broken. There is a \$15 fee.

Students will be provided a calculator for classroom use.

Students will also have access to laptops or iPads for classroom use.

Teacher Profile



Hometown:
Houston TX

College/University:

University of Texas, University of Houston & Johns Hopkins University

Family: Husband and two boys

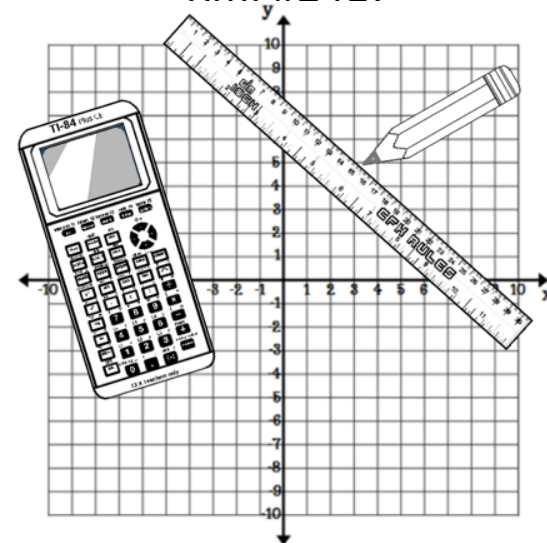
Hobbies: Baking, Couponing and Decorating.

Teacher Contact Info

kfonten2@houstonisd.org
713-845-5646 Ext. 338271

WELCOME to Mrs. Byous' ALGEBRA 1 CLASS

Rm. #2417



Daniel Ortiz Middle School

6767 Telephone Rd
Houston, TX 77061
713-845-5646

Course Outline

- Unit 0- PRE-ALGEBRA AND CALCULATOR BASICS
- Unit 1- EXPRESSIONS, EQUATIONS & INEQUALITIES
- Unit 2- FUNCTIONS
- Unit 3- LINEAR FUNCTIONS
- Unit 4-LINEAR INEQUALITIES
- Unit 5- SEQUENCES
- Unit 6- SYSTEMS OF EQUATIONS
- Unit 7- EXPONENTS AND RADICALS
- Unit 8- POLYNOMIALS
- Unit 9- FACTORING
- Unit 10- QUADRATIC FUNCTIONS
- Unit 11- NON-LINEAR FUNCTIONS

Tutorial Schedule

Tutorials - Mondays 3:30- 5:00 pm
 By Request only
 Conference Period- 2:15-2:40 pm

Classroom Procedures

- Opening class
- Begin daily warm-up
- Take out notes and supplies
- Be prepared to learn
- Clean learning areas
- Restroom Policy
- Closing Class

Student Expectations

1. Follow the student handbook.
2. Come to class prepared with all materials.
3. Follow teacher directives the first time given.
4. Respect yourself and others.
5. Use respectful language.
6. Maintain academic integrity.
7. Do not bring food/candy.
8. Keep cell phones in backpacks.
9. Clean up your learning area.
10. Wait for the teacher to dismiss the class when the bell rings.
11. Students who are absent from class are responsible for obtaining and completing missed assignments

*Failure to meet student expectations will result in behavioral consequences.

Grading Policy

- TESTS 30%
- PROJECTS 30%
- QUIZZES 20%
- PARTICIPATION 10%
- HOMEWORK 10%

Grading Scale

90 - 100 A (Excellent Progress)
 8 - 9 B (Good Progress)
 75 - 79 C (Average Progress)
 70 - 74 D (Poor Progress)
 Below 70 F (Failure)

IB Scale	0-100 Grade	Performance Levels
8	100	Excellent
7	95	
6	90	Substantial
5	85	
4	80	Adequate
3	75	
2	70	Limited
1	65	
0*	60	* This means the student work cannot be scored using the criteria given.

If no work is turned in by a student, grade will be given at teacher's discretion

Daniel Ortiz Jr. Middle School



Dear Parents and Guardians,

Welcome to Daniel Ortiz Jr. Middle School and our Algebra 1 class! I am excited to work with you and your child. I know we will have a successful, productive year and I look forward to being a part of the academic progress your child will make.

My particular style of teaching is based on three things: setting high expectations for **every** student, foster a growth mindset, and last, but certainly not least, parental involvement. It is my belief that when parents and teachers work together a student can accomplish anything. It is important that we build a strategic partnership because we are embarking on a journey to master algebra to receive a high school credit.

My expectation is that students will be prepared and enthusiastic about learning. To the idea of a growth mindset, students must be prepared to try and fail and then try again. At the heart of what makes the growth mindset so instrumental is that it creates a passion for learning rather than a hunger for approval. Its hallmark is the conviction that human qualities like intelligence and creativity can be cultivated through effort and deliberate practice. Not only are people with this growth mindset not discouraged by failure, but also they don't actually see themselves as failing in those situations — they see themselves as learning. Algebra 1 is a critical year for because of the STAAR test, so I will push students to learn to ensure preparedness and use various teaching methods to accommodate the various learning styles.

To help me serve your student better, I would be grateful if you could take five minutes out of your busy day and complete the parent survey. Please have your student return it to me as a homework assignment before Friday. Feel free to use the backside of the survey for any questions or comments that you may have for me at this time. I look forward to working with you and your student!

Wishing you peace,

Mrs. K. Byous
Teacher of Algebra 1
Room 2417
713-845-5646 Ext. 338271
kfonten2@houstonisd.org

EXTRA CREDIT OPTIONS – Extra credit can be earned towards your nine weeks average. You may take advantage of extra credit opportunities each six weeks; however, you will need to pick different options every nine weeks (no repeats). Extra credit for the nine weeks is always due the Thursday prior to the end of the grading period.

1. Newspaper articles – about a math related topic – *up to 3 points*
 - Include: name and date of article. Include the article (paste, tape), if this is a lengthy article, discuss with your teacher.
 - include a summary of critique of the article
 - *1 point per article*
2. 3-Dimensional Model – of a mathematical concept or fact - *up to 4 points (if outstanding)*
 - should be neatly labeled and include a legend
3. Board Games – algebra related subject - *up to 5 points*
 - make your own game!
 - include playing pieces, game board (original), cards (if applicable), directions, objective, KEY, etc.
4. Create Test questions – get suggestions & approval from your teacher! - *up to 5 points*
 - write a multiple choice question for recent unit
 - write 4 additional problems
5. Teaching Triboard–representation of algebraic - *up to 5 points*
 - interactive, manipulative
 - no pencil, visually appealing
 - neatly put together and labeled
 - include legend as needed
6. i-Pad Apps – *up to 3 pts*
 - Review and critique (algebra related disciplines) i-Pad apps (3 apps = up to 1 point)
 - Describe the apps' potential in an algebra classroom and what a student would learn by playing the app
 - Make an appointment, before or after school, with your biology teacher to show them the apps you critiqued explaining their value
7. Show Me or Educreation – *up to 4 points*
 - Original work
 - Create an instructional video that teaches part/all of a readiness standard in algebra using Show Me or other similar app.
 - Make sure you can email your teacher the final product.
8. TI Graphing Calculator Projects - See teacher for projects if interested
 - Beginner Project completed based on project instructions (up to 3 points)
 - Intermediate Project completed based on project instructions (up to 4 points)
 - Advanced Project completed based on project instructions (up to 5 points)
9. KHAN Academy tutorials – *up to 5 points*
 - See your teacher about a specific set of videos to watch and/or practice problems to complete
 - Must show proof of watching the videos or doing the practice problems. (See teacher for details.)

****NOTE:** All extra credit material turned in is subject to becoming the property of the math department to be used as teaching aids for classes. Please do not turn in projects that you would not be willing to part with.

Please feel free to address any concern on the back of this document.

HOMEWORK: Return by September 1st and receive a 100.

I, _____, have read Mrs. Byous' Algebra 1 syllabus and understand the rules and procedures listed.

Student Signature _____ Period _____

Parent Signature _____

Parent Signature _____

Email _____@_____

Email _____@_____

Phone (____) _____ - _____

Phone (____) _____ - _____

Sign up for the class alerts systems for student updates, homework reminders and a way to direct contact me through text.

