



Welcome

BACK TO SCHOOL

Algebra I ~ Mrs. Lytle & Mr. Liu



ABOUT ME

My name is Mrs. Michele Lytle. I hold a Bachelor of Science in Business Administration with a minor in Accounting and a Master of Science in Secondary Curriculum & Instruction with a STEM Focus. With over 20 years teaching experience I've guided students through the thrills and challenges of Mathematics. My passions outside the classroom include singing, cooking, theater, and cinema.

"She Believed She Could, and She Did It!"



**I began teaching MATH
in 2000, after working
in Finance for 6 years!**



**19
YEARS!**



HAABSE

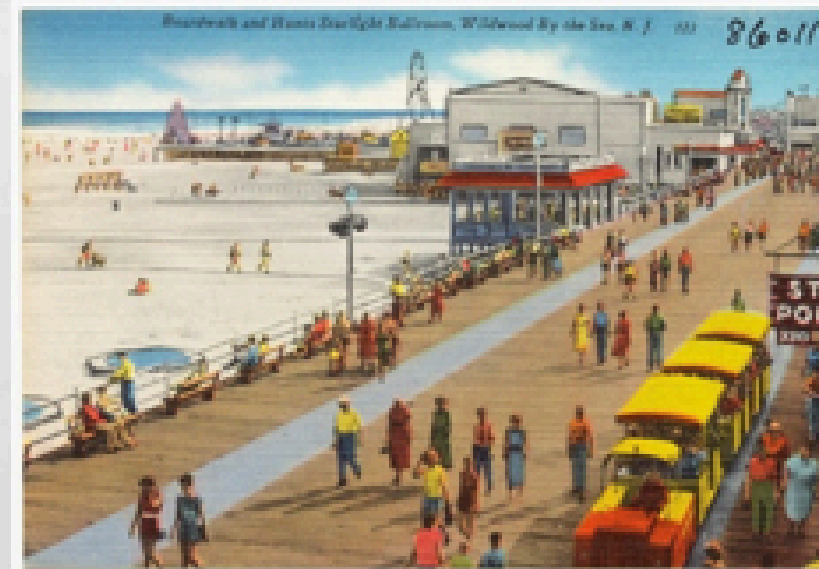
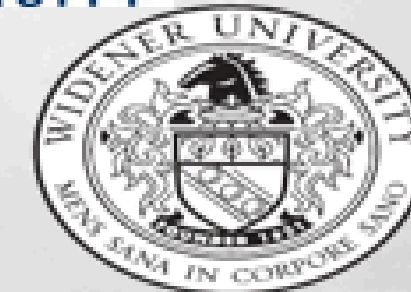
Houston Area Alliance of Black School Educators

Teacher of the Year 21-22 & 24-25



daughters (27 & 26) & son (12)

During the summer of 1994, I worked as a Congressional Intern in Washington, DC for Congressman Stanford Bishop. I attended congressional hearings and wrote responses to constituents.





ABOUT ME

My name is Mr. Jinyuan Liu. I have a degree in Chemistry from Texas A&M and am currently completing my master's in education. My core belief as a teacher is that everyone can succeed in math with the right mindset. My goal is to foster an environment where we can all grow together, build your confidence in math, and develop myself to be a better teacher.



COURSE SUPPLIES

Laptop computer and
earphones

Pencils, Erasers, and Highlighters

Graphing Composition or
Graphing Spiral Notebook

Bonus: Hand Sanitizer & Tissues

MRS. LYTLER'S SCHEDULE

	MON	TUE	WED	THU	FRI
P1	ALG1	ALG1	ALG1		ALG1
P2	AAC ALG1	ACC ALG1		AAC ALG1	ACC ALG1
P4	ALG1	ALG1		ALG1	ALG1
P5	ALG1	ALG1	ALG1		ALG1
P6	HCC CA	HCC CA		HCC CA	HCC CA
P7	ALG1	ALG1	ALG1		ALG1



THINK, PAIR, SHARE

What do you wish your teacher knew about
you that would help you excel in math?

WHY SHOULD YOU HAVE A DESIRE TO EXCEL IN MATH?



LEARN TO THINK CRITICALLY

Math strengthens
your ability to think
logically & analyze
situations.



BUILDS PROBLEM- SOLVING SKILLS

Math deepens your
understanding of
processes and solve
real-world problems.



FUTURE OPPORTUNITIES & INNOVATION

Math skills provide
access to a wide
range of high-
demand and paying
professions.



CONFIDENCE & ACADEMIC INDEPENDENCE

Math builds
perserverance, proving
you can tackle complex
challenges.



COURSE OVERVIEW

Welcome to Algebra II! This course is designed to build a strong foundation in algebraic concepts that are essential for success in higher-level math and real-world problem solving. Using the TEKS (Texas Essential Knowledge and Skills) as our guide, we will explore key topics including:

- Linear relationships and functions
- Equations and inequalities
- Systems of equations
- Polynomials and factoring
- Quadratic functions and equations
- Data analysis and real-world applications
-

Throughout the year, students will engage in critical thinking, use mathematical models, and communicate their reasoning clearly. We will focus on understanding patterns, making connections, and applying math in meaningful ways—preparing students for future math courses, college, and careers.



SYLLABUS REVIEW

We will now take time to carefully review the course syllabus together. This will give you a deeper understanding of the expectations, grading policies, important units, and how we will work together to make this year a successful one in Algebra I.

Get ready to learn, grow, and excel in math—together! 🦅



CORE MATH TEKS



This course will help you build skills in the following areas..

FOUNDATIONS FOR
FUNCTIONS

LINEAR FUNCTIONS,
EQUATIONS, &
INEQUALITIES

SYSTEMS OF EQUATION
& INEQUALITIES

QUADRATIC FUNCTIONS
& EQUATIONS

EXPONENTIAL
FUNCTIONS

DATA ANALYSIS &
MATHEMATICAL
MODELING



GRADING

50%

50%

MAJOR: EXAMS & QUIZZES

- UNIT EXAMS
- MAJOR QUIZZES
- PROJECTS

DAILY: NOTES & NOTEBOOK CHECK

- AGGRESSIVE MONITORING
LAPS
- UNIT NOTEBOOK CHECK

DAILY: CLASSWORK

- PARTICIPATION IN STUDENT
DISCOURSE & SMALL GROUP
- ASSIGNMENTS DUE BY END
OF THE PERIOD
- EXIT TICKETS
- UNIT REVIEWS
- INTERVENTION DAYS

DAILY: HOMEWORK

- HOMEWORK IS MANDATORY!
- GIVEN 3X PER WEEK
(MONDAYS, TUESDAYS, &
BLOCK DAYS)

CLASS NORMS

Working in small groups, discuss what you believe each of these means.
Brainstorm 2-3 short dot points or descriptions you could include under each heading.

BE RESPECTFUL

BE PREPARED

BE RESPONSIBLE

BE ENGAGED

BE ACCOUNTABLE



CLASS NORMS

BE RESPECTFUL

Listen when others are speaking.

Use polite language & tone.

Appreciate the diversity of ideas, cultures and opinions.

BE PREPARED

Arrive to class on time.

Bring the necessary stationary and materials.

Complete classwork and assignments on time.

BE RESPONSIBLE

Follow instructions promptly.

Clean up after yourself and take care of classroom property.

Seek help when needed.



CLASS NORMS



BE ENGAGED

Participate actively in class discussions and activities.



Avoid distractions and stay focused on the task at hand.

BE ACCOUNTABLE

Take ownership of your learning.

Respect the learning environment.

Use classroom equipment properly and safely.



SUPPORT NETWORK



CLASS TEACHER

To guide and support you if you have questions about coursework or need clarification. A champion of your learning experience and excellence in mathematics.



RESIDENT CO-TEACHER

To support you by providing individualized assistance, reinforcing instruction, and fostering a collaborative classroom environment that promotes academic growth and confidence.



MATH SPECIALIST

To support you by identifying learning needs, providing targeted interventions, and enhancing understanding to help every learner build confidence and succeed in mathematics.



LET'S HAVE A
GREAT YEAR!

RESOURCES

STAY CONNECTED!
CHECK REMIND AND SCHOOLOGY DAILY!

JOIN REMIND: 81010/ALGTEAGLES


SCHOOLOGY




Attitude

“If you say you can't,
your mind will accept
it. If you say you CAN,
your mind will keep
searching for ways to
make it happen.”





PRESS THESE
KEYS WHILE ON
PRESENT MODE



B for blur

C for confetti

B for blur

M for mic drop

0 for bubbles

Q for quiet

U for unveil

Any number from 0-9
for a timer