

HONORS ALGEBRA 2 COURSE OVERVIEW

Mr. Thompson
mikthompson@lwsd.org

Tesla STEM HS
2022-2023

Course Objectives:

1. Provide a complete study of second-year algebra skills and concepts.
2. Preparation for further study of higher-level mathematics.
3. Develop study skills necessary to be a highly successful high school and college student by learning to be a self-regulated learner:
 - Note taking
 - Time management strategies
 - Math textbook use

Homework Page:

- All assignments are posted and submitted on Teams.
- Full year schedule is found at <http://www.mhthompson.com>, visit the Algebra 2 page.

Extra Help (We all need it at one time or another!):

- Office hours 1 hour after school, room 126B

Textbook:

- Big Ideas Math Algebra 2, Larson & Boswell

Bring to class EVERYDAY:

- Graphing calculator
- Red ink pen (for correcting homework)
- Math notebook (place to take notes and keep work)
- Laptop (hardcopy textbook optional)
- Paper, pencils, graphing paper

Grading:

65% tests and quizzes
15% homework
20% Semester final

90 -	A	77 - 79.9	C+
87 - 89.9	B+	73 - 76.9	C
83 - 86.9	B	70 - 72.9	C-
80 - 82.9	B-	- 69.9	NC

Course Topics:

Algebra	Study Skills
Chapter 1: Linear functions	Becoming a Self-Regulated Learner
Chapter 2: Quadratic functions	Effective note taking
Chapter 3: Quadratic equations and complex numbers	Time management strategies
Chapter 4: Polynomial functions	Effective use & reading of a math text
Chapter 5: Rational exponents and radical functions	Becoming metacognitive
Chapter 6: Logarithmic and exponential functions	Tracking self-efficacy to self-monitor
Chapter 7: Rational functions	
Chapter 8: Sequences and series	

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Chapter 11: Data analysis and Statistics	
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Classroom Rules:

1. Be in your seat, working on warm-up exercise when the bell rings.
2. Bring laptop, textbook (optional), homework and all materials to class.
3. Follow directions the first time they are given.
4. Respect your fellow students' right to a safe, quiet & productive learning environment.
5. Mr. Thompson dismisses the class, not the bell or clock.

As always, the school's student conduct expectations are upheld. See your student handbook for more detail.

Classroom Procedures:

- Homework
 - All work is to be done in pencil, including quizzes and tests. You must show your work to receive credit.
 - Assignments are due at the beginning of next class unless stated otherwise.
 - You learn math by doing math ... your homework assignments are important!
- Late work
 - NO LATE work will be accepted unless a student has an excused absence or uses a GRACE COUPON (found on class website).
 - Depending on the number of days of excused absences, students will receive the same number of days to make up the work missed.
 - Students will receive 2 GRACE COUPONS to be used for late homework.
 - Once both GRACE COUPONS are used, late work receives a zero. NO EXCEPTIONS. Each unused GRACE COUPON earns the student 1-point grace on the final test.
- Absences and Tardiness
 - Be responsible - find out what you missed and make it up.
- Asking for help
 - There is NO such thing a dumb question; better to ask than not understand!
 - Group work will be emphasized - explaining a concept to another student is a great way to master it. Learn from each other!
 - Check the homework help page on Mr. Thompson's website.
 - I am here to serve; please feel free to contact me at anytime. Email is usually the best.
- Use it and lose it
 - Cell phones are not allowed in class.
 - Cell phones will be deposited in the pocket panel at the start of every class.
 - Cell phones, etc. ... use it in class and you lose it for the day.
 - Cell phones *SEEN* during a test may result in a failing grade for that test.

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Dear Parents and students,

Please review, sign and return this to me by Friday, September 9th.

I believe an important key to your student's success is that the three critical members of this learning team are on the same page. Please feel free to contact me with any questions. Up-to-date contact information is always available on my website <http://www.mhthompson.com>. Thank you for your support and I look forward to a fun and successful year in our Honors Algebra 2 course.

Printed Student Name: _____

I have reviewed and understand the class overview, rules, and procedures and Mr. Thompson's classroom management plan.

Parent: _____ Date: _____

Student: _____ Date: _____