

Mrs. Tobes
Algebra | Syllabus
2025-2026
ktobes@lcmschools.org

Key Concepts:

- Representations of linear, quadratic, and exponential relationships using graphs, tables, equations, and contexts.
- Symbolic manipulation of expressions in order to solve problems, such as factoring, distributing, multiplying polynomials, expanding exponential expressions, etc.
- Analysis of the slope of a line multiple ways, including graphically, numerically, contextually (as a rate of change), and algebraically.
- Solving equations and inequalities using a variety of strategies, including rewriting (such as factoring, distributing, or completing the square), undoing (such as extracting the square root or subtracting a term from both sides of an equation), and looking inside (such as determining the possible values of the argument of an absolute value expression).
- Solving systems of two equations and inequalities with two variables using a variety of strategies, both graphically and algebraically.
- Representations of arithmetic and geometric sequences, including tables, graphs, and explicit or recursive formulas.
- Use of exponential models to solve problems, and to compare to linear models.
- Investigation of a variety of functions including square root, cube root, absolute value, piecewise-defined, step, and simple inverse functions.
- Use of function notation.
- The differences between association and causation, and interpretation of correlation in context.
- Comparison of distributions of one-variable data.

Classroom Management Plan:

- 1) Follow procedures
- 2) Be prompt
- 3) Be prepared
- 4) Be productive
- 5) Be polite

Consequences:

Consequences are earned when one of the classroom management plan components are not being implemented by the student.

- 1) Warning
- 2) Time out (5 minutes)
- 3) Buddy room and parents contacted
- 4) Administration

Severe clause: Directly to administrator

Participation:

- 1 point per day
- -1 point every time out of classroom for reasons other than restroom

Attendance:

- Your attendance is **important**. When you miss class you miss new material that you will have to learn on your own. You cannot make up work from an unexcused absence.
 - The week plan is on google classroom under “**check your understanding**”. The lessons for the week are posted.
 - You can check in the textbook or the corresponding **parent guide** worksheets for the lesson materials.
 - **Notes** are posted on google classroom as well.
 - You can also check in with your **study buddy**.
- You are tardy if you are not in your seat when the bell rings.

Homework:

- Homework will be graded on Fridays through a short google form where solutions to a few questions will be entered.
- Students are to get homework help through the website, emailing me, collaborating with their group or using the answer key.
- Scores are added to at least one academic standard.
- Homework notebooks are collected at the end of each chapter.
- In addition to accuracy homework is also scored on the following:
 - First and last name on notebook as well as period #
 - Date on each homework assignment
 - Homework assignments clearly labeled
 - Exercises are clearly numbered
 - All work shown for each exercise
 - Diagrams from exercises are drawn and interacted with

Friday Quizzes:

- Friday quizzes will be made up on Monday. If you are absent on Monday, you cannot make up the Friday quiz although you will be responsible for it's content.
- Quizzes are returned on Tuesdays.
- Blank quizzes and answer keys are posted on Tuesdays.

Tests

- There will be a test for each chapter.
- The study guide for the test will be posted at the beginning of each chapter starting with chapter 1.
- **You are expected to be present on the day of tests. Tests will be made up the next school day.**

Late Work:

- No late work is accepted unless extended time is an accommodation via IEP or

504.