

Mr. Rude's 2021 - 2022

8TH Grade Algebra Syllabus

(This will be an advanced course that moves at an accelerated pace.)

8th Grade Algebra Focus

In Grade 8 Algebra, instructional time should focus on these critical areas:

- (1) **Number and Quantity** – Use Rational Exponents & Perform Real Number Operations
- (2) **Algebra** – Solve Linear and Quadratic Equations, Solve Inequalities, and Solve Systems of Equations
- (3) **Functions** – Define, Evaluate, and Compare Functions; Write Sequences; Model Relationships
- (4) **Geometry** – Apply the Pythagorean Theorem
- (5) **Statistics and Probability** – Represent and Interpret Data & Analyze Bivariate Data

Equipment:

It is suggested that students have the following items for mathematics:

1. A calculator with at least a +/- key, a square root key, and an exponent key.
2. A ruler (both metric and conventional)
3. Number 2 pencils and erasers (**wooden pencils are preferred**). Students should always have extra pencils.
4. A large, SINGLE SUBJECT 3-ring binder or spiral lined paper notebook for HOMEWORK.
5. Another, SINGLE SUBJECT spiral lined paper notebook or section of 3-ring binder for NOTES.
6. A red pen to correct their homework.
7. A protractor.
8. A compass.

Assignments:

1. Homework will usually be assigned DAILY, and occasionally on weekends. If a student misses an assignment because of an absence, even because of a school function, credit for that assignment will not be given until the assignment is shown to me. A zero will be recorded for that day, and it will be changed to a completed assignment when the student shows it to me. **I do not grade every assignment.** I ask who did not do the homework and I mark it down. **If students are NOT TRUTHFUL about the homework, it will be reflected WHEN THEY TAKE THE TESTS, TASKS, AND QUIZZES.** Except for excused absences, late assignments will not receive credit.
2. The homework will be completed in a spiral binder, or a section of a 3-ring binder designated for homework. All work will be left in the binder, and it will not be removed. The assignments are kept by students so they can use them to study for tests. I will do spot checks on the binders to make sure the students are doing the homework. Students should ALWAYS have their binders with them in class.
3. All of the steps must be shown on the homework, and it must be completed to receive credit.
4. All of the assignments will be posted on my personal website at www.rudemath.com and there are also links to some sites for homework help in math and other subjects. The website for Rosedale Middle School can be found at <http://www.ruesd.net/rosedalemiddle> along with a link to my website.
5. Notes:
The notes will be made in the spiral binder or in the designated section of the 3-ring binder. Each day students will make notes with examples about what was covered that day. If students are absent, they may copy the information from any other student in the class.
6. Extra Credit:
NO EXTRA CREDIT WILL BE ASSIGNED.

Please turn to the back
for more information.



Quarterly Grading Percentages:

Homework (binder):	5%
Notes (binder):	10%
Unit Tasks:	15%
Quizzes:	20%
Unit Tests:	50%

To Increase a low Quiz or Task Score:

If you earned below a C on your quiz or task, to bring up your grade you must:

1. Have your parent sign the quiz or task and print their name on the quiz.
2. Rework every missed problem in **RED INK** & get the correct answer for each.
This is to be done on a separate sheet of lined paper & stapled to the back of the quiz or task.
(ALL WORK MUST BE SHOWN)
3. After each correction, explain what mistake or mistakes you made, in full sentences.
4. It must be completed and turned in to me **LESS THAN A WEEK** after the original was returned.
5. If all this is completed, **ON TIME**, your quiz or task grade will be raised to a C (75%).
6. **IF YOU LOSE THE QUIZ or TASK, YOU CANNOT BRING UP YOUR GRADE.**

Test Scores:

1. Before each test, **WE WILL COMPLETE A PRACTICE TEST TOGETHER** in class.
2. **THE PROBLEMS ARE VERY SIMILAR TO THE PROBLEMS ON THE ACTUAL TEST**, but the numbers in the problems are different.
3. 2 days before the test, we will complete a comprehensive chapter review together in class.
4. If you have difficulty on a problem during the practice test, you **MUST ASK QUESTIONS** so you can do well on the actual chapter test.
5. Since you will already have taken the practice test before and completed a chapter review,
THERE WILL BE NO RETAKES OF THE CHAPTER TESTS.

ADDITIONAL INFORMATION:

1. **No cell phones** are allowed out in class. They **must** be turned off and put away. If a cell phone is used in class, or if it goes off during class, the **student will receive a referral** and the parent must pick up the phone from the school office. Students using the restroom **MUST** leave their cell phone in a basket on my desk until they return.
2. Every student **IS EXPECTED TO ASK QUESTIONS** when they do not understand.
3. Students must **come to class with all of their equipment** needed for mathematics daily.
4. Please feel free to contact me for any reason. My e-mail address is mrude@ruesd.net.
5. If students need extra help, all they need to do is let me know and I will make arrangements, however **students should ALWAYS ask questions in class and not wait until later to ask for help.**



Please cut on the dashed line and return the signed lower portion **to Mr. Rude.**

I have read the syllabus and have discussed it with my child, _____ Block _____.
Please **PRINT** your child's name above the line.

I sometimes show a pg movie in class as a reward. Please check the box if you do **NOT** want your child to watch a pg movie: ☐

Parent(s) Contact Information (Please PRINT)

_____ Parent/Guardian	_____ Home Phone	_____ Work Phone	_____ Cell Phone
Email Address: _____			

_____ Parent/Guardian	_____ Home Phone	_____ Work Phone	_____ Cell Phone
Email Address: _____			