

8th Grade Math Syllabus (2026-2027)

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Course Description:

Welcome to 8th grade math! I am excited to work with you throughout the year, and I really hope you enjoy yourself and learn a lot along the way! If you are taking notes, asking questions, working examples, and completing your assignments, you will do well. If you feel like you are struggling at any point, please ask questions in class or come see me before/after school, during RTI, or Related Arts (by appointment). You will want to clarify any misunderstandings early because this course builds on itself. Also, keep in mind that 8th grade math is *the* foundation for high school algebra and geometry.

Standards: can be found https://bestforall-cms.tnedu.gov/sites/default/files/documents/G8_9-24-21.pdf.

Overview:

- **Review skills from previous grades**
- **Unit 1:** The Real Number System (Standards Covered: 8.NS.1, 8.NS.2, and 8.EE.A.2)
- **Unit 2:** Exponents and Scientific Notation (Standards Covered: 8.EE.A.1, 8.EE.A.2, 8.EE.A.3, and 8.EE.A.4)
- **Unit 3:** Linear Equations (Standards Covered: 8.EE.A.7, 8.EE.C.7a, and 8.EE.C.7b)
- **Unit 4:** Linear Relationships (Standards Covered: 8.EE.B.5, 8.EE.B.6, and 8.F.B.4)
- **Unit 5:** Functions (Standards Covered: 8.F.A.1, 8.F.A.2, 8.F.A.3, and 8.F.B.4)
- **Unit 6:** Systems of Equations (Standards Covered: 8.EE.C.8, 8.EE.C.8a, 8.EE.C.8b, and 8.EE.C.8c)
- **Unit 7:** Transformations (Standards Covered: 8.G.A.1, 8.G.A.1a, 8.G.A.1b, 8.G.A.1c, and 8.G.A.1d)
- **Unit 8:** Angle Relationships (Standards Covered: 8.G.A.3)
- **Unit 9:** Pythagorean Theorem (Standards Covered: 8.G.B.4, 8.G.B.5, and 8.G.B.6)
- **Unit 10:** Volume (Standards Covered: 8.G.C.7)
- **Unit 11:** Scatter Plots and Data (Standards Covered: 8.SP.A.1, 8.SP.A.2, 8.SP.A.3, and 8.SP.A.4)
- **Unit 12:** Probability (Standards Covered: 8.SP.A.4)
- **Unit 13:** Graphing Linear Inequalities
- **TNReady Review**
- **Algebra I Preview**

Course Materials:

For this course, you will need pencils, erasers, loose-leaf paper, and different colored highlighters for notes. We use a TI-30XS calculator in class if you would like to purchase one for your own use at home. This is *not* a requirement. Keep in mind that students will use a different calculator when they go to high school.

Grading:

- 25% - Tests (Corrections will be allowed. See below.)
- 25% - Quizzes (Corrections will be allowed. See below)
- 25% - Assignments
- 25% - Warmups (Will consist of very important “spiral” review. Should be an easy grade.)
- Homework assignments are due at the beginning of the next class period unless otherwise stated.
- **You must show your work for each problem completed on homework, quizzes, and tests. I don't do this to make your life miserable - I do this so I can help you!!! No work = no credit.**
- **Tests and quizzes can be corrected on the student's own time.** You must have no missing assignments, meet with me about possible doing extra work to fill in gaps, and set an appointment with me of when to correct the test/quiz. I do not let tests go home. You can get *up to* half your missed points back (For example, you originally lost 20 pts., corrected your test, and I gave you back 10 pts.)
- If you are absent from school, you will have as many days as you were absent to turn in your work (for instance, if you miss two consecutive days of school, you will have two days upon returning to school to make up the work missed for both days).

Late/Missing Assignments:

Missing assignments will be entered in as 0's in the gradebook. I will take late assignments until 1 week before the grading period ends.

Cheating Policy:

Cheating will result in a *zero* for the assignment(s) that you cheated on—whether you were the one that cheated or you were the one who let someone cheat off of you. These assignments cannot be “made up” for a higher grade. The use of the internet or AI also constitutes cheating. You are expected to do these assignments *on your own*.

Cellphone Policy:

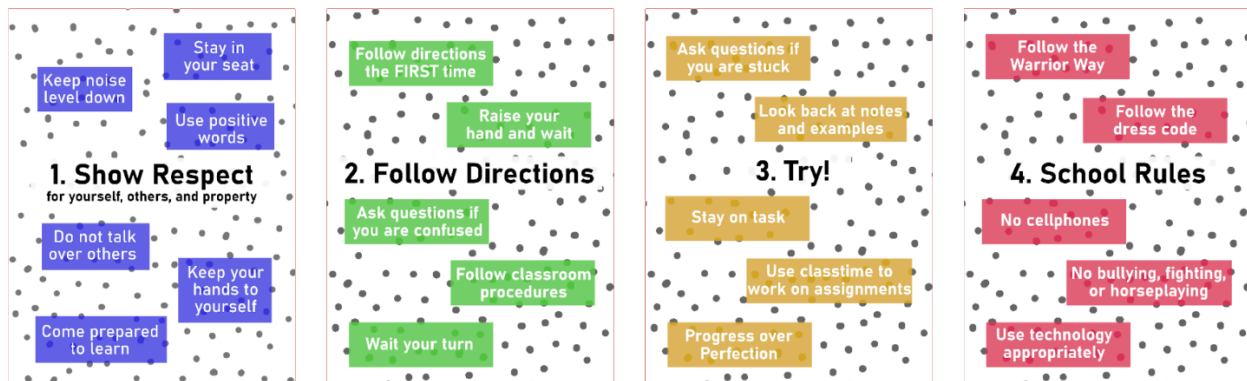
As per state law, cellphones, smartwatches, and other devices are not allowed in the classroom.

Attendance:

Attendance is *crucial* in math. If you are absent, you are missing important information that you will need to move forward.

8th Strike Policy:

Please refer to the *7th/8th Grade Welcome Letter* that you received at the beginning of the year. Strikes reset every 4.5 weeks. Strikes are reserved for less serious, everyday behavior. More serious offenses (fighting, bullying, etc.) go outside of the strike policy and are automatic office referrals. Here is a copy of the rules that I post in my classroom.



Consequences:

Each strike will result in the loss of recess for the day. In addition, you can receive the following consequences:	
3 Strikes	Lunch Detention
6 Strikes	After School Detention
9+ Strikes	Office Referral

Simply put, do what you're supposed to do, allow others to learn, and treat others the way you want to be treated.

Other:

- Water in a leak-proof container will be permitted. No squeeze-type or open containers.
- You must ask before leaving the classroom for any reason—even if you leave for the nurse at the same time every day. I just need to know that you left in case of an emergency. Also, you must sign the sign-out sheet at the door.
- I will give my all every day to make this class fun and educational. I expect you to do the same. **Let's have a great year!**