

Math 8

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I co-teach 3 sections of Math 8 with three teachers: Tara Grudzielanek, April Haynes, and Kerry Highsmith.

Math 8 includes algebra concepts and skills that set high expectations for all students. It makes provisions for enrichment and acceleration for advanced students and remediation for students who need more assistance. The course emphasizes algebraic thinking and applies it to other aspects of mathematics including geometry, measurement, probability, and statistics. It helps students meet state guidelines and also prepares them for high school algebra.

Problem solving (word problems), review of basic arithmetic skills, the use of technology (calculators), and math study skills will be integral components in each of those areas. The textbook for this course is *Holt McDougal Mathematics Grade 8, Common Core Edition*.

MATERIALS: In addition to the materials listed on the eighth grade list, students will need the following:

- 1 Heavy Duty spiral notebook (200 pages minimum)
- TI-30 Calculator (optional)
- Quadrille graph paper

GRADING: As per district policy:

50% Major Assessments (unit tests, benchmark tests, projects)
50% Minor Assessment (quizzes, classwork, practice)
Letter grades will follow a 10 point scale

- All assignments started in class will have a due date. If they are not completed in class they must be finished outside of class. All class work must have the required work shown.
- **All math assignments (homework, class work, quizzes, tests) must be completed in pencil.**
- All notes must be kept in your spiral notebook.
- Students will need their spiral notebook daily in class.

CLASSROOM PROCEDURES: On most days, our classes will follow this progression:

1. Warm-up.
2. Notes
3. Practice/group activity
4. Summary activity

ABSENTEEISM: If a student is absent, it is the student's responsibility to check the assignment board/web site for

missed work. Work should be completed and turned in as outlined in the student handbook. Students should also check with a fellow classmate for missed notes, and other important announcements.

CLASS EXPECTATIONS: We, as teachers, have very high expectations for all our students. We believe that all

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students can learn, and we expect all our students to put forth their best effort each and every day. Students should come to class prepared with all materials and assignments on a daily basis. Each student should actively participate in class, and work to the best of their ability.

LATE WORK: To receive full credit students must turn in work on the day that it is due. Late work may receive a maximum grade of 80%

DISCIPLINE: The Riverside Middle School behavior policy will be followed in this class. A copy can be found on the RMS website as well as in each student's agenda.

1) Warning 2) Parent Contact 3) Parent Contact and Silent Lunch 4) Referral

Below is our tentative schedule for the year. Units may shift based on scheduling and student needs.

First Quarter

Unit	Title	Suggested Time
1	Transformations, Congruence & Similarity	Week 1 – Week 5
2	Exponents	Week 6 – Week 11
	Review/Benchmark Test	3 days

Second Quarter

3	Geometric Applications of Exponents	Week 12 – Week 16
4	Functions	Week 17 – Week 19
	Winter Math MAP test	2 days
	Review/Benchmark Test	3 days

Third Quarter

5	Linear Functions	Week 20 – Week 24
6	Liner Models and Tables	Week 25 – Week 30
	Spring Math MAP test	2 days

Fourth Quarter

7	Solving Systems of Linear Equations	Week 31 – Week 35
8	Show What You Know	Week 36 – Week 39
Standardized testing	Review	5 days
	Review/Final exam	3 days

A list of the standards by unit is available on each teacher's website.