

## Math 6/7

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In Math 6/7, students make the transition from arithmetic to algebraic thinking. Students will learn all of Math 6 standards based on Common Core Standards and additional standards from Math 7 Common Core Standards. It sets high expectations for all students, making provisions for enrichment and acceleration for advanced students and remediation for students who need more assistance. The curriculum provides a complete correlation of the Common Core Standards and the *Holt McDougal: Mathematics Grade 7* textbook and *Explorations in Core Math* workbook. It will give students a broad range of information covering the five domains of mathematics: Ratios and Proportional Relationships, The Number System, Expressions and Equations, Geometry, and Statistics and Probability. We will also focus on the eight Standards of Mathematical Practice.

**MATERIALS:** In addition to the materials listed on the sixth 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, and ALEKS)

50% Minor Assessment (quizzes, IXL assignments, classwork)

- Three to four major tests each quarter.
- Approximately five quizzes each quarter.
- 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.
- Students will keep workbooks and textbooks at home. We will announce to students if they need to bring in pages from the workbook.
- IXL assignment handouts, returned quizzes and tests should be kept in the math section of your binder. The math section of students' binder will be cleaned out after each unit test.
- Two copies of all passwords will be provided to students. One should be kept at home and the other will be taped in the front of the spiral.

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

1. Warm-up.
2. Mini lesson on new standard(s).
3. Practice (IXL)
4. Remind students of due dates. Students should finish IXL assignments if not complete in class.

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

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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 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. Failure to turn in work may result in students attending a working lunch. Late work may receive a maximum grade of 80%

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

### **1<sup>st</sup> Quarter:**

Number System Fluency  
Rates, Ratios, Prop. Reasoning w/ Equivalent Fractions  
Benchmark Test

### **2<sup>nd</sup> Quarter:**

Expressions  
One-Step Equations & Inequalities  
Area & Volume  
Benchmark Test

### **3<sup>rd</sup> Quarter:**

Statistics  
Rational Explorations: Number & Their Opposites  
Operations with Rational  
Benchmark Test

### **4<sup>th</sup> Quarter:**

Expressions & Equations  
Ratios & Proportional Relationships  
Final Exam (Benchmark Test)

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