

Welcome to 7th
Grade Math

Ms. Esposito

General topics we are working on this year include..

- Apply and extend previous understanding of operations of fractions to operations with rational numbers
 - Solve real-life mathematical problems using numerical equations
 - Solve real-life mathematical problems using algebraic equations
 - Understanding proportional relationships
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CCSS WHERE TO FOCUS GRADE 7 MATHEMATICS



MATHEMATICS



GRADE 7



FOCUS

This document shows where students and teachers should spend the large majority of their time in order to meet the expectations of the Standards.

Not all content in a given grade is emphasized equally in the Standards. Some clusters require greater emphasis than others based on the depth of the ideas, the time that they take to master, and/or their importance to future mathematics or the demands of college and career readiness. More time in these areas is also necessary for students to meet the Standards for Mathematical Practice.

To say that some things have greater emphasis is not to say that anything in the Standards can safely be neglected in instruction. Neglecting material will leave gaps in student skill and understanding and may leave students unprepared for the challenges of a later grade.

Students should spend the large majority¹ of their time on the major work of the grade (■). Supporting work (□) and, where appropriate, additional work (●) can engage students in the major work of the grade.^{2,3}

MAJOR, SUPPORTING, AND ADDITIONAL CLUSTERS FOR GRADE 7

Emphases are given at the cluster level. Refer to the Common Core State Standards for Mathematics for the specific standards that fall within each cluster.

Key: ■ Major Clusters □ Supporting Clusters ● Additional Clusters

- 7.RP.A ■ Analyze proportional relationships and use them to solve real-world and mathematical problems.
- 7.NS.A ■ Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.
- 7.EE.A ■ Use properties of operations to generate equivalent expressions.
- 7.EE.B ■ Solve real-life and mathematical problems using numerical and algebraic expressions and equations.
- 7.G.A ● Draw, construct and describe geometrical figures and describe the relationships between them.
- 7.G.B ● Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.
- 7.SPA □ Use random sampling to draw inferences about a population.
- 7.SP.B ● Draw informal comparative inferences about two populations.
- 7.SPC □ Investigate chance processes and develop, use, and evaluate probability models.

HIGHLIGHTS OF MAJOR WORK IN GRADES K–8

K–2	Addition and subtraction – concepts, skills, and problem solving; place value
3–5	Multiplication and division of whole numbers and fractions – concepts, skills, and problem solving
6	Ratios and proportional relationships; early expressions and equations
7	Ratios and proportional relationships; arithmetic of rational numbers
8	Linear algebra and linear functions

Standards for Mathematical Practice

- * Make sense of problems and persevere in solving them.
- * Model with mathematics.
- * Look for and express regularity in repeated reasoning.

Mathematical Practice Standards

Grading Breakdown

- Tests and Quizzes- 40%
- Do Nows- 10%
- Classwork- 20%
- Interactive Notebook- 20%
- Homework- 10%

i-Ready

 Diagnostic Test


 Personalized Lessons to Meet each individual child's needs

 Progress Monitoring

 Student Conferences

- Taking ownership in learning process

Interpreting iReady - sample data

Level Below  > 1 Level Below		Placement by Domain			
	Overall Placement	Number and Operations	Algebra and Algebraic Thinking	Measurement and Data	Geometry
↕	↕	↕	↕	↕	↕
	Level 6	Early 7	Level 5	Level 6	Early 7
	Level 6	Early 7	Level 5	Level 6	Level 6

Missed Work

- If a student is absent, I will have a catch-up folder prepared for the student when they come back to class.
- Any homework that was due before the date they were absent is due the date they come back
- Each student is also in my Structured Study class and that is a great time to talk to me about any work they might be confused with.

Additional Help

- I am available everyday before school and after school!
 - I usually stay until 4:45!

How to reach Ms. Esposito!

E-mail: gesposito@littlesilverschools.org

Remind: **text @espomath7 TO 81010**

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Please feel free to contact me with ANY questions or concerns!!

I am looking forward
to a successful
working with YOU
and your children!
Markham Class of
2018!