Clearwater Fundamental Middle School

Welcome to our Accelerated Math Information Night

Agenda

Welcome and pledge
Introduction of Teachers
Math Department Data
Accelerated Math Pathway
Academic Pacing and Expectations
Break Out Sessions
Computer Lab / Online Course Registration

CFMS Math Teachers

Angela Ciresi, Math Department Chair
Bridget Bohnet
Cynthia Szirmai
Mike White
Pam Hawthorne
Jennifer Gray
Ryan Scruton

Math Department Celebrations

87% - Passage Rate for FSA (2015-2016)

98% - Passage Rate for Algebra 1 Honors

100% - Passage Rate for Geometry

District, State and National Math Awards, Honors and Recognitions!

Instructional Strategies

1. Teachers plan, develop and implement lessons based on the state standards and as aligned with the content area pacing guides
2. Teachers develop goals and scales with targets indicating how lessons will be delivered to meet the intended standards
3. Students become agents of their learning – Driving an improvement in student achievement through facilitation of students tracking their progression of learning in a purposeful and constructive methodology
4. Teachers facilitate effective classroom discussions and tasks that elicit evidence of learning
5. Teachers utilize data to modify and adjust instructional practices and reflect on the needs and progress of students

Online Course Expectations

- Clearwater Fundamental Middle School math students are expected to enroll in the Online Grade 6 Advanced Mathematics Course by Friday, February 24th. The expectation is that students will complete the course by the required deadline. Please be aware that the course is at a much lower academic level than the Accelerated Course.

Rigor

- The Accelerated Course is a highly rigorous course that requires students to complete daily homework and study each night. Intrinsically motivated students are encouraged to apply for the program.

Block Schedule

- CFMS is on a block schedule which means two lessons are covered each block with homework to match. Homework is given each time the block meets which means that homework will be issued over the weekend.

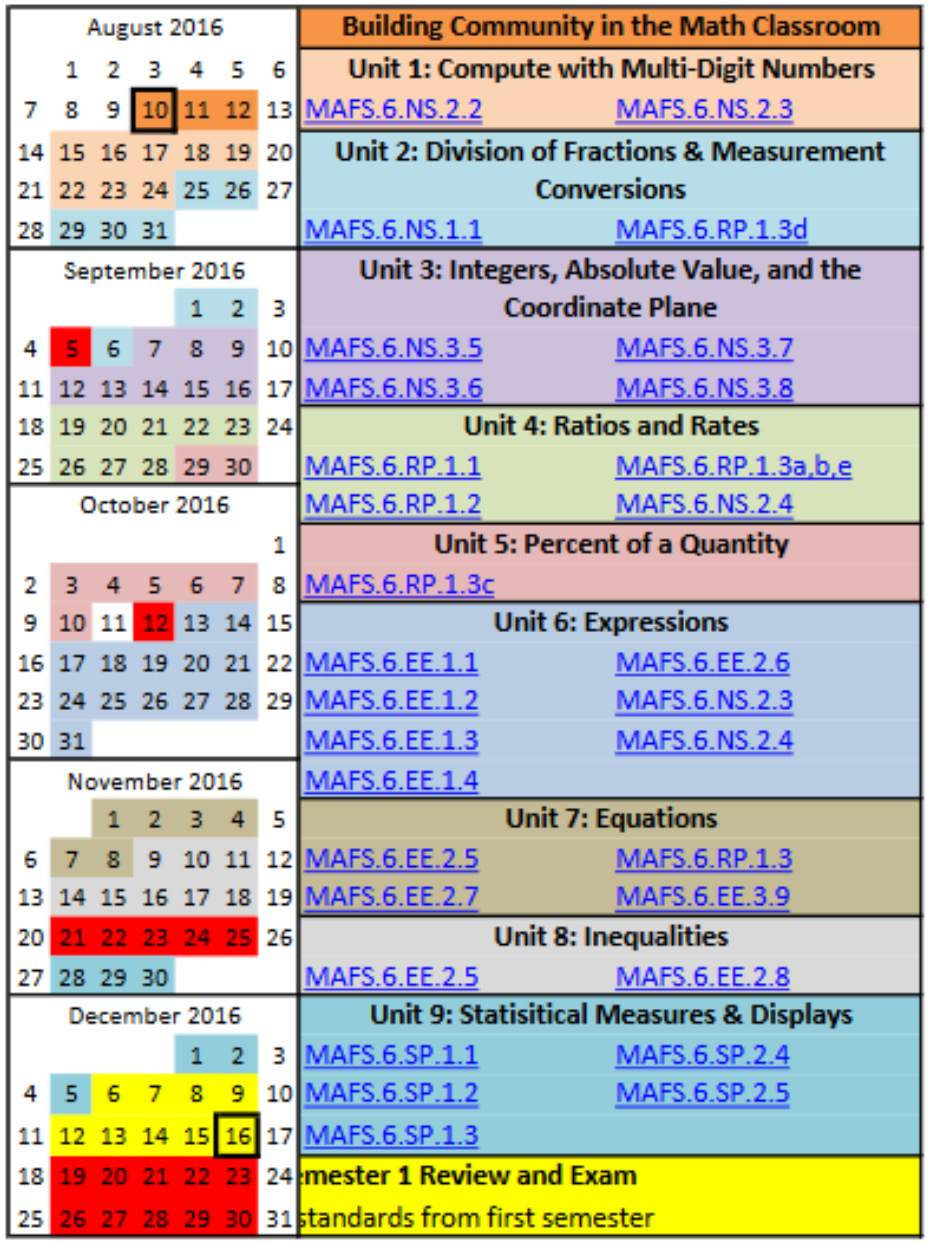
Average vs Advanced vs Accelerated

- Average Math – 10 Units at Grade 6 Level
- Advanced Math – 14 Units at Grade 6 Level
- Accelerated Math – 13 Units at Grade 7 Level

Pinellas County Schools

GRADE 6 MATHEMATICS ADVANCED

2016-2017



Building Community in the Math Classroom

Unit 1: Compute with Multi-Digit Numbers

MAFS.6.NS.2.2 MAFS.6.NS.2.3

Unit 2: Division of Fractions & Measurement Conversions

MAFS.6.NS.1.1 MAFS.6.RP.1.3d

Unit 3: Integers, Absolute Value, and the Coordinate Plane

MAFS.6.NS.3.5 MAFS.6.NS.3.7

MAFS.6.NS.3.6 MAFS.6.NS.3.8

Unit 4: Ratios and Rates

MAFS.6.RP.1.1 MAFS.6.RP.1.3a,b,e

MAFS.6.RP.1.2 MAFS.6.NS.2.4

Unit 5: Percent of a Quantity

MAFS.6.RP.1.3c

Unit 6: Expressions

MAFS.6.EE.1.1 MAFS.6.EE.2.6

MAFS.6.EE.1.2 MAFS.6.NS.2.3

MAFS.6.EE.1.3 MAFS.6.NS.2.4

MAFS.6.EE.1.4

Unit 7: Equations

MAFS.6.EE.2.5 MAFS.6.RP.1.3

MAFS.6.EE.2.7 MAFS.6.EE.3.9

Unit 8: Inequalities

MAFS.6.EE.2.5 MAFS.6.EE.2.8

Unit 9: Statisitical Measures & Displays

MAFS.6.SP.1.1 MAFS.6.SP.2.4

MAFS.6.SP.1.2 MAFS.6.SP.2.5

MAFS.6.SP.1.3

mester 1 Review and Exam

standards from first semester

Re-Building Community in the Math Classroom

Unit 9: Statisitical Measures & Displays

MAFS.6.SP.1.1 MAFS.6.SP.2.4

MAFS.6.SP.1.2 MAFS.6.SP.2.5

MAFS.6.SP.1.3

Unit 10: Area, Surface Area and Volume

MAFS.6.G.1.1 MAFS.6.G.1.3

MAFS.6.G.1.2 MAFS.6.G.1.4

Unit 11: Ratios and Proportional Reasoning

MAFS.7.RP.1.1 MAFS.7.RP.1.3

MAFS.7.RP.1.2 MAFS.7.NS.1.3

Unit 12: Multi-Step Percent Problems

MAFS.7.RP.1.3 MAFS.7.EE.2.3

Unit 13: Rational Numbers

MAFS.7.NS.1.1 MAFS.7.RP.1.3

MAFS.7.NS.1.2 MAFS.7.EE.2.3

FSA Testing Window

April 10, 2017-May 5, 2017

Unit 13: Rational Numbers

MAFS.7.NS.1.1 MAFS.7.RP.1.3

MAFS.7.NS.1.2 MAFS.7.EE.2.3

Unit 14: Expressions

MAFS.7.EE.1.1 MAFS.7.EE.1.2

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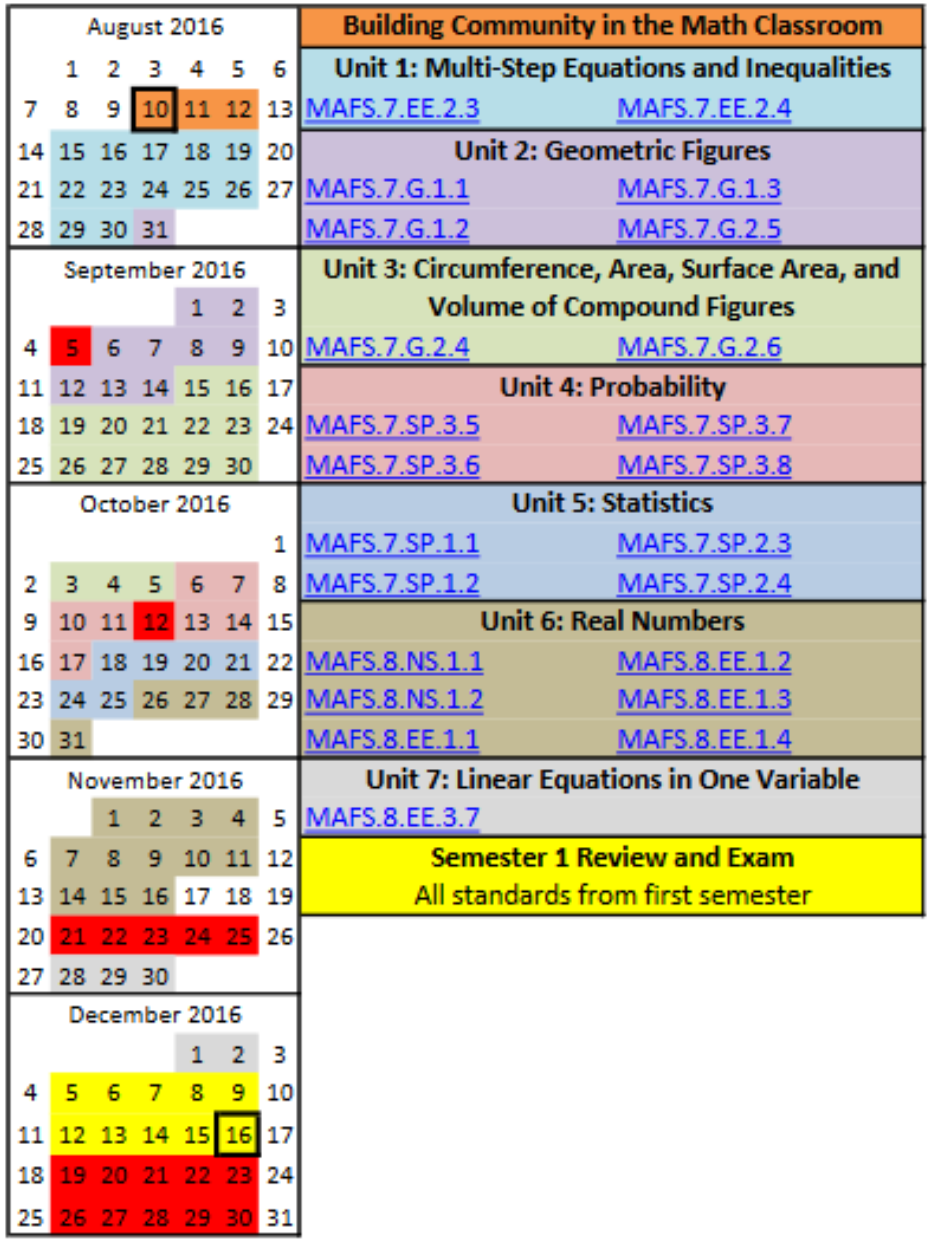
GRADE 7 MATHEMATICS ADVANCED

2016-2017



Building Community in the Math Classroom

Unit 1: Multi-Step Equations and Inequalities

MAFS.7.EE.2.3 MAFS.7.EE.2.4

Unit 2: Geometric Figures

MAFS.7.G.1.1 MAFS.7.G.1.3

MAFS.7.G.1.2 MAFS.7.G.2.5

Unit 3: Circumference, Area, Surface Area, and Volume of Compound Figures

MAFS.7.G.2.4 MAFS.7.G.2.6

Unit 4: Probability

MAFS.7.SP.3.5 MAFS.7.SP.3.7

MAFS.7.SP.3.6 MAFS.7.SP.3.8

Unit 5: Statistics

MAFS.7.SP.1.1 MAFS.7.SP.2.3

MAFS.7.SP.1.2 MAFS.7.SP.2.4

Unit 6: Real Numbers

MAFS.8.NS.1.1 MAFS.8.EE.1.2

MAFS.8.NS.1.2 MAFS.8.EE.1.3

MAFS.8.EE.1.1 MAFS.8.EE.1.4

Unit 7: Linear Equations in One Variable

MAFS.8.EE.3.7

Semester 1 Review and Exam

All standards from first semester

Re-Building Community in the Math Classroom

Unit 8: Linear Equations in Two Variables

MAFS.8.EE.2.5 MAFS.8.EE.3.8

MAFS.8.EE.2.6

Unit 9: Functions

MAFS.8.F.1.1 MAFS.8.F.2.4

MAFS.8.F.1.2 MAFS.8.F.2.5

MAFS.8.F.1.3

Unit 10: Triangles and Pythagorean Theorem

MAFS.8.G.1.5 MAFS.8.G.2.7

MAFS.8.G.2.6 MAFS.8.G.2.8

Unit 11: Transformations, Congruence and Similarity

MAFS.8.G.1.1 MAFS.8.G.1.4

MAFS.8.G.1.2 MAFS.8.G.1.5

MAFS.8.G.1.3 MAFS.8.EE.2.6

Review FSA Standards

MAFS.7.RP.1.1 MAFS.7.EE.1.1

MAFS.7.RP.1.3 MAFS.7.EE.1.2

MAFS.7.RP.1.2 MAFS.7.EE.2.3

MAFS.7.NS.1.1 MAFS.7.NS.1.3

MAFS.7.NS.1.2

FSA Testing Window

April 10, 2017-May 5, 2017

Unit 12: Volume

MAFS.8.G.3.9

Unit 13: Scatter Plots and Data Analysis

MAFS.8.SP.1.1 MAFS.8.SP.1.3

MAFS.8.SP.1.2 MAFS.8.SP.1.4

What does an Accelerated Student look like?

- Students are highly motivated
- Students require no assistance completing homework
- Students are rarely absent
- Students participate in class
- Students work well with others

Break Out Groups for Q and A

- Gym – Hawthorne and Scruton
- Cafeteria – Ciresi, Szirmai and Gray
- Media Center – Bohnet and White