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

- 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 <u>agents of their learning</u> 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 <u>discussions</u> and tasks that elicit <u>evidence of learning</u>
- 5. Teachers <u>utilize data</u> 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

August 2016							Building Community in the Math Classroom					
	1	2	3	4	5	6	Unit 1: Compute with Multi-Digit Numbers					
7	8	9	10	11	12	13	MAFS.6.NS.2.2 MAFS.6.NS.2.3					
14	15	16	17	18	19	20	Unit 2: Division of Fractions & Measurement					
21	22	23	24	25	26	27	Conversions					
28	29	30	31				MAFS.6.NS.1.1 MAFS.6.RP.1.3d					
September 2016							Unit 3: Integers, Absolute Value, and the					
1 2 3				1	_	_	Coordinate Plane					
4	5	6		8			MAFS.6.NS.3.5 MAFS.6.NS.3.7					
11	12	13	14	15	16	17	MAFS.6.NS.3.6 MAFS.6.NS.3.8					
18	19	20	21	22	23	24						
25	26	27	28	29	30		MAFS.6.RP.1.1 MAFS.6.RP.1.3a,b,e					
October 2016				201	6		MAFS.6.RP.1.2 MAFS.6.NS.2.4					
١,	1						Unit 5: Percent of a Quantity					
2				6			MAFS.6.RP.1.3c					
9					14		•					
16							MAFS.6.EE.1.1 MAFS.6.EE.2.6					
23	24	25	26	27	28	29	MAFS.6.EE.1.2 MAFS.6.NS.2.3					
30	31						MAFS.6.EE.1.3 MAFS.6.NS.2.4					
	No			r 20			MAFS.6.EE.1.4					
					4		Unit 7: Equations					
6	7						MAFS.6.EE.2.5 MAFS.6.RP.1.3					
13							MAFS.6.EE.2.7 MAFS.6.EE.3.9					
20			_	24	25		•					
27			30				MAFS.6.EE.2.5 MAFS.6.EE.2.8					
December 2016							Unit 9: Statisitical Measures & Displays					
ا ا				1			MAFS.6.SP.1.1 MAFS.6.SP.2.4					
4	5	6	7	_	_		MAFS.6.SP.1.2 MAFS.6.SP.2.5					
11			14		_		MAFS.6.SP.1.3					
18			21		23		mester 1 Review and Exam					
25	26	27	28	29	30	31	standards from first semester					

MAFS.6.SP.1.2 MAFS.6.SP.2.5 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.RP.1.3 MAFS.7.NS.1.1 MAFS.7.RP.1.3 MAFS.7.NS.1.2 MAFS.7.EE.2.3 Unit 13: Rational Numbers MAFS.7.NS.1.2 MAFS.7.EE.2.3 Unit 13: Rational Numbers MAFS.7.NS.1.1 MAFS.7.EE.2.3 Unit 14: Expressions MAFS.7.NS.1.1 MAFS.7.RP.1.3 MAFS.7.NS.1.1 MAFS.7.RP.1.3 MAFS.7.NS.1.1 MAFS.7.EE.2.3 Unit 14: Expressions MAFS.7.NS.1.1 MAFS.7.RP.1.3 MAFS.7.RP.1.3 MAFS.7.RP.1.3 MAF	Re-Building Commu	unity in the Math Classroom		J	anu	ary	201	7		
MAFS.6.SP.1.2 MAFS.6.SP.2.5 MAFS.6.SP.1.3	Unit 9: Statisition	cal Measures & Displays	1	2	3	4	5	6	7	
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27			30							
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21 22 23 24 25 26 27			7	8	9	10	11	12	13	
			14	15	16	17	18	19	20	
28 29 30 31			21	22	23	24	25	26	27	
			28	29	30	31		•		

Pinellas County Schools

GRADE 7 MATHEMATICS ADVANCED

	-	Aug	ust :	2016	5		Building Community in the Math Classroom						
	1	2	3	4	5	6	Unit 1: Multi-Step Equations and Inequalities						
7	8	9	10	11	12	13	MAFS.7.EE.2.3 MAFS.7.EE.2.4						
14	15	16	17	18	19	20	Unit 2: Geometric Figures						
21	22	23	24	25	26	27	MAFS.7.G.1.1 MAFS.7.G.1.3						
28	29	30	31				MAFS.7.G.1.2 MAFS.7.G.2.5						
	Se	pter	mbe	r 20	16		Unit 3: Circumference, Area, Surface Area, and						
	1 2 3			2	3	Volume of Compound Figures							
4	5	6	7	8	9	10	MAFS.7.G.2.4 MAFS.7.G.2.6						
11	12	13	14	15	16	17	Unit 4: Probability						
18	19	20	21	22	23	24	MAFS.7.SP.3.5 MAFS.7.SP.3.7						
25	26	27	28	29	30		MAFS.7.SP.3.6 MAFS.7.SP.3.8						
	October 2016			6		Unit 5: Statistics							
						1	MAFS.7.SP.1.1 MAFS.7.SP.2.3						
2	3	4	5	6	7	8	MAFS.7.SP.1.2 MAFS.7.SP.2.4						
9	10	11	12	13	14	15	Unit 6: Real Numbers						
16	17	18	19	20	21	22	MAFS.8.NS.1.1 MAFS.8.EE.1.2						
23	24	25	26	27	28	29	MAFS.8.NS.1.2 MAFS.8.EE.1.3						
30	31						MAFS.8.EE.1.1 MAFS.8.EE.1.4						
	No	ver	nbe	r 20	16		Unit 7: Linear Equations in One Variable						
		1	2	3	4	5	MAFS.8.EE.3.7						
6	7	8		10									
13				17									
20	21	22	23	24	25	26							
27	28	29	30										
	De	cen	nbe	r 20	16								
				1	2	3							
4	5	6	7	8	9	10							
11				15		17							
18	19	20	21	22	23	24							
25	26	27	28	29	30	31							

Re-Building Comm	unity in the Math Classroom		J	anu	ary	201	7								
Unit 8: Linear Ed	1	2	3	4	5	6	7								
MAFS.8.EE.2.5	MAFS.8.EE.3.8	8	9	10	11	12	13	14							
MAFS.8.EE.2.6		15	16	17	18	19	20	21							
Unit	t 9: Functions	22	23	24	25	26	27	28							
MAFS.8.F.1.1	MAFS.8.F.2.4	29	30	31											
MAFS.8.F.1.2	MAFS.8.F.1.2 MAFS.8.F.2.5														
MAFS.8.F.1.3		1			1	2	3	4							
Unit 10: Triangles	and Pythagorean Theorem	5	6	7	8	9	10	11							
MAFS.8.G.1.5	MAFS.8.G.2.7	12					17								
MAFS.8.G.2.6	MAFS.8.G.2.8	19			22	23	24	25							
Unit 11: Transfor	26	27													
	Similarity							March 2017							
MAFS.8.G.1.1	MAFS.8.G.1.4				1	-	3	4							
MAFS.8.G.1.2	MAFS.8.G.1.5	5	_	7	8	9	10								
MAFS.8.G.1.3	MAFS.8.EE.2.6 v FSA Standards	12	_	_	15			18							
MAFS.7.RP.1.1	19		-			24	25								
MAFS.7.RP.1.1							26 27 28 29 30 31								
MAFS.7.RP.1.2	MAFS.7.EE.2.3	April 2017 1													
MAFS.7.NS.1.1	MAFS.7.NS.1.3	2	3	4	5	6	7	8							
MAFS.7.NS.1.2	WH 0.7.140.1.0	9	-		_	_	14	_							
FSA T	16			19		21									
April 10,	23	24	25	26	27	28	29								
	t 12: Volume	30													
MAFS.8.G.3.9		May 2017													
Unit 13: Scatte	1	1	2	3	4	5	6								
MAFS.8.SP.1.1	MAFS.8.SP.1.3	7	8	9	10	11	12	13							
MAFS.8.SP.1.2	MAFS.8.SP.1.4	14	15	16	17	18	19	20							
		21	22	23	24	25	26	27							
		28	29	30	31	_	•								



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