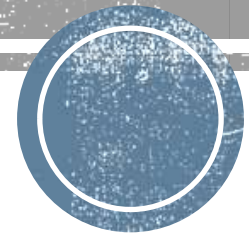


Accelerated Math Presentation

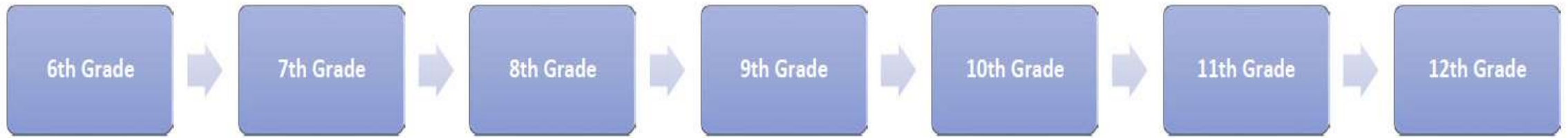
Warm Springs Middle School



New MVUSD Math Pathways



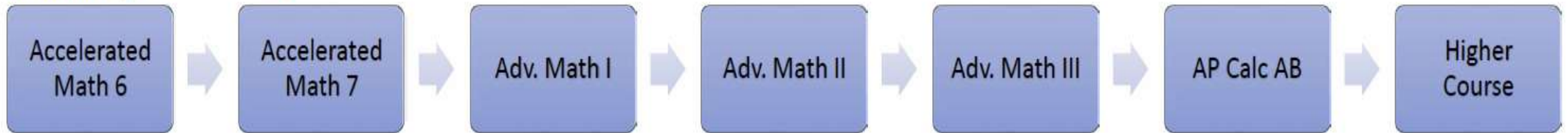
MURRIETA VALLEY UNIFIED SCHOOL DISTRICT MATHEMATICS PATHWAY



Pathway 1:



Pathway 2:



6th Grade + Half of 7th Grade

Half of 7th Grade + 8th Grade

ADV. 9th Grade Standards



- Accelerated and Advanced are very different. Students can score advanced on the CAASPP, but not have the ability to be self-driven and self-motivated to adapt to the accelerated class and learning more than one year's worth of standards.



6th Grade Standards (White) + 1/2 of 7th Grade Standards (PINK)

6th Grade Accelerated Math Progression of Standards					
	"I can" Standard	Standard	BI Chapter	IABs	
Semester 1	I can fluently divide multi-digit numbers	6.NS2	1	6th Grade Number System IAB due by October 31, 2019	
	I can write and evaluate numerical expressions using whole numbers	6.EE1	1		
	I can find the greatest common factor and least common multiple of two whole numbers	6.NS4	1		
	I can interpret and compute quotients of fractions and apply them to real-world situations	6.NS1	2		
	I can add, subtract, multiply and divide multi-digit decimals using the standard algorithm	6.NS3	2		
	I can use positive and negative numbers to represent quantities in real-world situations	6.NS5	6		
	I can place rational numbers on a number line	6.NS6	6		
	I can find the absolute value and order rational numbers	6.NS7	6		
	I can solve real-world and mathematical problems by graphing coordinates in all four quadrants	6.NS8	6		
	I can add and subtract rational numbers, integers and absolute value.	7.NS1	1.1, 1.2, 1.3, 2.1, 2.2, 2.3		
	I can multiply and divide rational numbers, integers and absolute value.	7.NS2	1.4, 1.5, 2.4		
	I can solve real-world problems using adding, subtracting, multiplying and dividing rational numbers, integers and absolute value.	7.NS3	Throughout 1 and 2		
	I can use ratio language to describe a ratio relationship between two quantities, and I understand the concept of a ratio	6.RP1	5		6th Grade Ratios and Proportional Relationships IAB due by December 20, 2019
	I understand the concept of a unit rate associated with a ratio	6.RP2	5		
I can use ratio and rate reasoning to solve real world problems including percents and converting measures	6.RP3	5			
I can use percents to solve multistep problems.	7.RP3	5.1, 5.3, 6.3-6.7			
I can calculate unit rates with ratio of fractions for like or different units of measurement.	7.RP1	5.1			
I can recognize and show proportional relationships between quantities using different ways.	7.RP2	5.2-5.6			
Exposure Only I can solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form	7.EE3	6.1, 6.2, 6.4			
Semester 2	I can write, read, and evaluate expressions with variables	6.EE2	3	6th Grade Expressions and Equations IAB due by March 27, 2020	
	I can apply the properties of operations, including the distributive property, to generate equivalent expressions	6.EE3	3		
	I can apply the distributive property to factor expressions and create equivalent expressions	6.NS4	3		
	I can identify when two expressions are equivalent	6.EE4	3		
	I can use variables to represent numbers and write expressions when solving a real world or mathematical problem	6.EE6	3		
	I can use variables to represent numbers and write equations when solving a real world or mathematical problem	6.EE6	7		
	I can follow a procedure in order to solve an equation or inequality	6.EE5	7		
	I can write and solve equations with rational numbers	6.EE7	7		
	I can write an inequality and represent solutions on a number line	6.EE8	7		
	I can use variables to represent two quantities that change in relation to one another	6.EE9	7		
	Exposure Only I can apply adding, subtracting, factoring, and expanded linear expressions with rational coefficients	7.EE1	3.1, 3.2		
	Exposure Only I can rewrite expressions in different ways to show how quantities are related	7.EE2	3.1, 3.2		
	Exposure Only I can use variables to represent quantities and construct simple equations and inequalities	7.EE4	3.3-3.5		
	Semester 2	I can find the area of triangles, quadrilaterals, and polygons	6.G1		4
I can draw polygons in the coordinate plane and apply these techniques in the context of problem solving		6.G3	4		
I can use nets to find the surface area of three dimensional figures		6.G4	8		
I can find the volume of rectangular prisms		6.G2	8		
I can describe the two-dimensional figures that result from plane sections of right rectangular prisms and pyramids		7.G3	9.5 ext		
I can solve real-world problems by finding the area of Composite Figures.		7.G6	8.4, 9.1, 9.2, 9.4, 9.5		
Semester 2	I can recognize a statistical question	6.SP1	9	6th Grade Geometry IAB due by CAASPP (can be non-standardized)	
	I can describe shapes of distributions, measures of center, and spread of a data set	6.SP2	9		
	I can describe and differentiate between measures of center and measures of deviation	6.SP3	9		
	I can display numerical data in a variety of ways	6.SP4	10		
	I can summarize numerical data sets	6.SP5	10		
	I can look at statistics to gain information about populations by looking at a sample of the populations.	7.SP1	10.6-10.7		
	I can use random sampling to draw inferences about a population and create multiple samples of the same size to gauge variation in predictions.	7.SP2	10.6-10.7		
	I can informally compare populations to measure the difference between the centers by expressing it as a multiple of measures of variability.	7.SP3	10.6-10.7		
I can compare populations by using measures of center and measures of variability for data from random samples about 2 populations.	7.SP4	10.6-10.7			

IABs for 7th Grade Number System and Ratios and Proportional Relationships to prove mastery before moving on to Accelerated 7th Grade.

In order to complete the required standards (1.5 years worth of curriculum), teachers must continue at a fast pace in the Accelerated 6 and Accelerated 7 Math course.



Things to keep in mind

- Is your student willing to work outside of class time to keep up with this pace?
- Does your student participate in additional activities in/out of school that may add additional stress for him/her?
- A “D” or an “F” in an Accelerated course will negatively impact your students’ GPA which could impact their chances of achieving honor roll status
- If your son or daughter is currently receiving a grade of a “C” or lower that could be an indicator of future struggle
 - Talk to your student about how they are feeling...



NEXT STEPS

- Teachers will be in contact with you if there are concerns with your student's progress.
- If you feel that this course is not the best place for your student or you would like to discuss your individual situation, please fill out a half sheet with the counselors in the back of the MPR.



Thank You

