



# Conejo Valley Unified School District

1400 East Janss Road, Thousand Oaks, California 91362-2198  
Telephone (805) 497-9511 · FAX (805) 381-4981

**Mark W. McLaughlin, Ed.D.**  
*Superintendent of Schools*

**Sonia Wilson**  
*Director, Elementary Schools*

**Kenny Loo**  
*Director, Middle Schools and Professional Learning*

## CVUSD Information Letter Regarding 6<sup>th</sup> Grade Mathematics & Challenge Exam

Dear Parents/Guardians of 5<sup>th</sup> Grade Students:

In spring of 2015, the Conejo Valley Unified School District (CVUSD) aligned the math courses of study and math pathways to the California State Standards. The standards realigned concepts within the overall mathematics progression for our state. Our teachers have worked diligently to ensure that our students have the opportunity to transition to the new standards without allowing gaps in their learning. These pathways will allow your student opportunities to achieve the highest levels of math in high school and beyond.

The CVUSD math pathway displayed on the back of this letter delineates the CVUSD Math Pathway for the 2020-2021 school year.

**Incoming 6<sup>th</sup> Grade students have the three following options for mathematics, each with varying eligibility requirements:**

### **Math 6 College Prep (Math 6CP)**

**Standards:** Math 6CP addresses all the 6th Grade State Standards.

**Description:** Students focus on four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

**Eligibility:** No prerequisites

### **Math 6 Accelerated (Math 6A)**

**Standards:** Math 6A addresses all the 6th Grade State Standards and half of the 7<sup>th</sup> Grade State Standards.

**Description:** Students will learn all of the Math 6CP standards and half of the 7CP standards, specifically they will analyze proportional relationships and use them to solve real-world and mathematical problems; apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers; use properties of operations to generate equivalent expressions and solve real-life and mathematical problems using numerical and algebraic expressions and equations.

**Eligibility:** All A's, or an A and B in 5<sup>th</sup> Grade Trimester 1 and Trimester 2 math, and EXCLUDES Trimester 3 grades. Petitions for any student who does not meet eligibility requirements but seeks Math 6A will be available by contacting your child's middle school.

### **Math 7 Accelerated (Math 7A)**

**Standards:** Math 7A addresses the second half of the 7<sup>th</sup> Grade State Standards and all the 8<sup>th</sup> Grade State Standards.

**Description:** Students will resume learning the Math 7CP standards not taught in Math 6 Advanced, specifically they will draw, construct and describe geometrical figures and describe the relationships between them; solve real-life and mathematical problems involving angle measure, area, surface area, and volume; use random sampling to draw inferences about a population; draw informal comparative inferences about two populations and investigate chance processes and develop, use, and evaluate probability models. Then students will learn the Math 8CP standards listed below. At the end of this year students will be prepared to take Algebra Honors in the 7th grade.

**Eligibility:** Students must score 83% or better on the 6<sup>th</sup> Grade Math Challenge Exam to be eligible to take Math 7A as 6th graders.

## Information Regarding 6<sup>th</sup> Grade Math Challenge Exam

For students wishing to enroll in Math 7A as a 6<sup>th</sup> Grader, please be advised that Math 7A skips the 6<sup>th</sup> Grade standards and the first half of the 7<sup>th</sup> Grade standards. In other words, 7<sup>th</sup> Grade Accelerated addresses the last half of the 7<sup>th</sup> Grade standards and the entire 8<sup>th</sup> Grade standards.

CVUSD Accelerated and Honors Mathematics courses are structured to meet the needs of students gifted in mathematics. These courses have enriched and expanded curricula that emphasize the application of higher-order thinking skills with concepts in a variety of contexts. Due to the time spent on enriched material and the time constraints of the middle school schedule, students need to enter 7<sup>th</sup> Grade Accelerated Math with a mastery of arithmetic skills as well as the personal attributes to succeed in these rigorous courses, such as:

- Taking responsibility for their own learning: asking questions when necessary
- Creatively combining concepts and skills in new inventive ways that go beyond the lesson
- Quickly acquiring new skills; requiring a limited number of repetitions for mastery
- Testing well; showing clear understanding of the concepts and execution of skills with precision
- Successfully working with problems that require application of knowledge in resourceful ways

Students who take Math 7A as 6<sup>th</sup> Graders are eligible to take Geometry Honors in 8<sup>th</sup> grade and can earn high school credit for this course. Geometry Honors may be offered at the middle school or the nearby high school. Each year, individual schools will make a determination on the location of this 8<sup>th</sup> Grade course based on class enrollment.

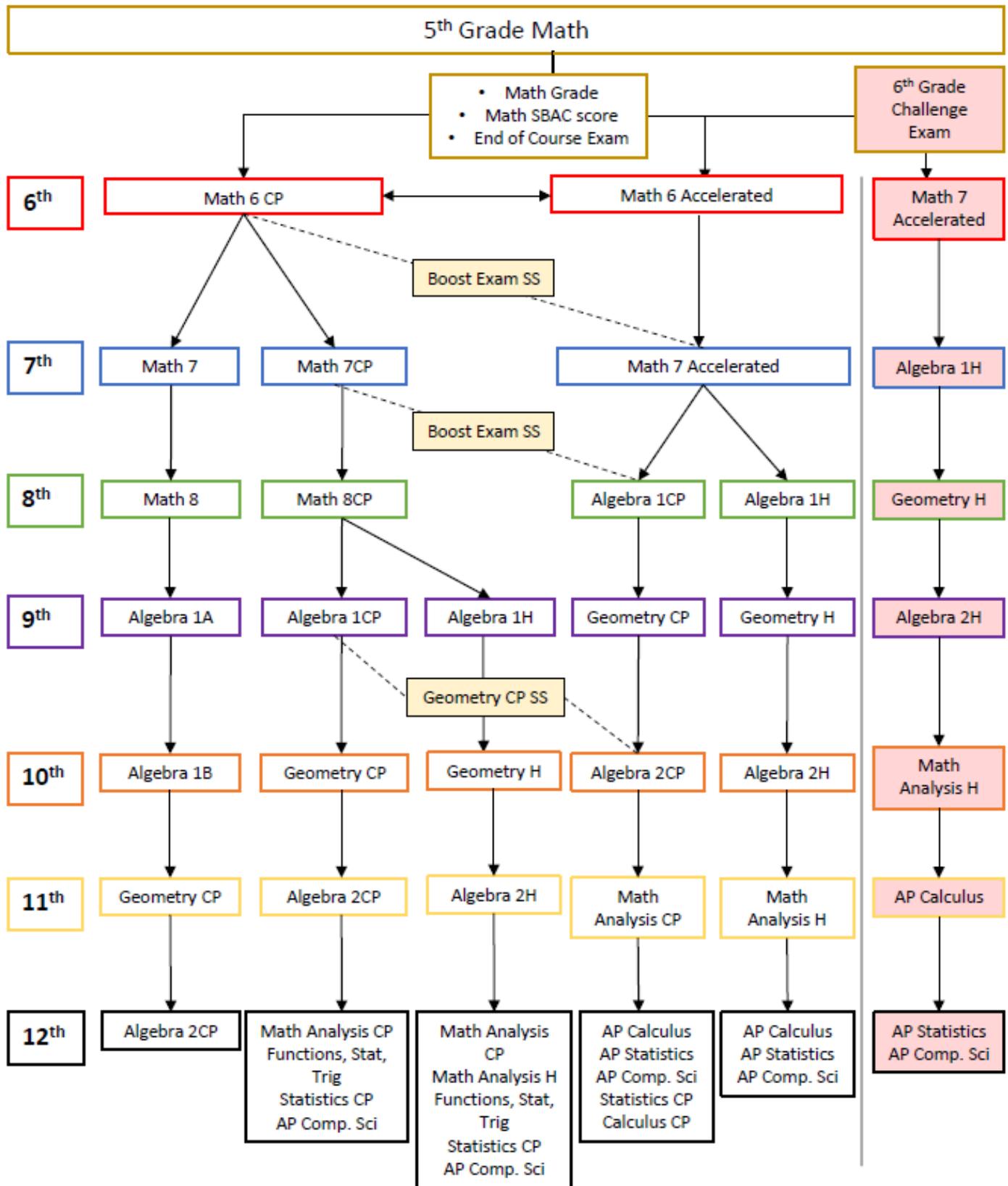
### **Steps to Challenge Math 6 – Taking the CVUSD 6<sup>th</sup> Grade Math Challenge Exam**

***Secure, complete, and submit registration:*** Registration for the Math 6 Challenge exam is available online at [www.bit.ly/CVMathPlacement](http://www.bit.ly/CVMathPlacement). Any current 5<sup>th</sup>-grade students interested in challenging 6<sup>th</sup>-grade math must register online at the link above **no later than May 18, 2020**. The examination will be administered at your child's middle school between August 5 and 6, and depending on health and safety guidelines related to COVID-19 at the time. In the case that health guidelines prohibit an in-person examination, information about an alternative exam will be provided to all parents/guardians that registered for the exam. The on-site examination will take approximately two hours and will be administered and scored by the Math Department Chair of your designated middle school. Students must score 83% or better to be eligible to take Math 7 Accelerated as 6<sup>th</sup> graders.

It is the District's hope that this letter has assisted you in understanding the Math 6 Challenge process. If your child does not meet the district-approved criteria for enrollment in 7<sup>th</sup> Grade Accelerated Math, please be assured that strong math students will have additional opportunities to participate in advanced math courses at their grade level, which will be challenging, rigorous, and enjoyable.

# Conejo Valley Unified School District

## Math Flow Chart Grades 5-12



This flow chart is designed to guide students along common academic pathways. The paths shown are typical routes taken by students. Transferring between paths is possible from year to year based on student performance, teacher recommendation and counselor review. In our school district we strongly believe four (4) years of high school math is a good predictor of success in college.