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

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

The CVUSD Math Flow Chart, displayed on the back of this letter and located on our District website at <https://www.conejousd.org/cms/lib/CA50010930/Centricity/Domain/90/Math%20Pathways%20-%20Updated%203.07.2023.pdf>, delineates the CVUSD math pathways for the 2023-2024 school year.

**CVUSD's math pathways for 6th graders include 5 classes, each with varying eligibility requirements:**

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

**Standards:** Math 6CP addresses 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 SAI (Math 6.1)**

**Standards:** Math 6.1 addresses the 6th Grade State Standards.

**Description:** Math 6.1 instruction is provided by a special education teacher in a special education setting. Instruction addresses the 6th Grade State Standards, and delivers accommodations and modifications pursuant to a student's IEP.

**Eligibility:** As determined by the IEP team

#### **Math 6 Essentials (Essential Mathematics)**

**Standards:** Math 6 Essentials utilizes an alternative curriculum that is aligned with California state standards.

**Description:** Math 6 Essentials instruction is provided by a special education staff in a special education setting. Instruction provides a modified curriculum which includes highly structured visual and language supports as well as accommodations pursuant to a student's IEP.

**Eligibility:** As determined by the IEP team

#### **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:** Multiple measures are considered which include 5<sup>th</sup> Grade math grades, 5<sup>th</sup> Grade End-Of-Course-Exam score, and 5<sup>th</sup> Grade SBAC mathematics score

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

**Standards:** Math 7A addresses the second half of the 7<sup>th</sup> Grade State Standards and all of 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 7 Accelerated (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. As such, Math 7A addresses the last half of the 7th Grade standards and the entirety of the 8th 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 Math 7A 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 virtually through a CVUSD 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.

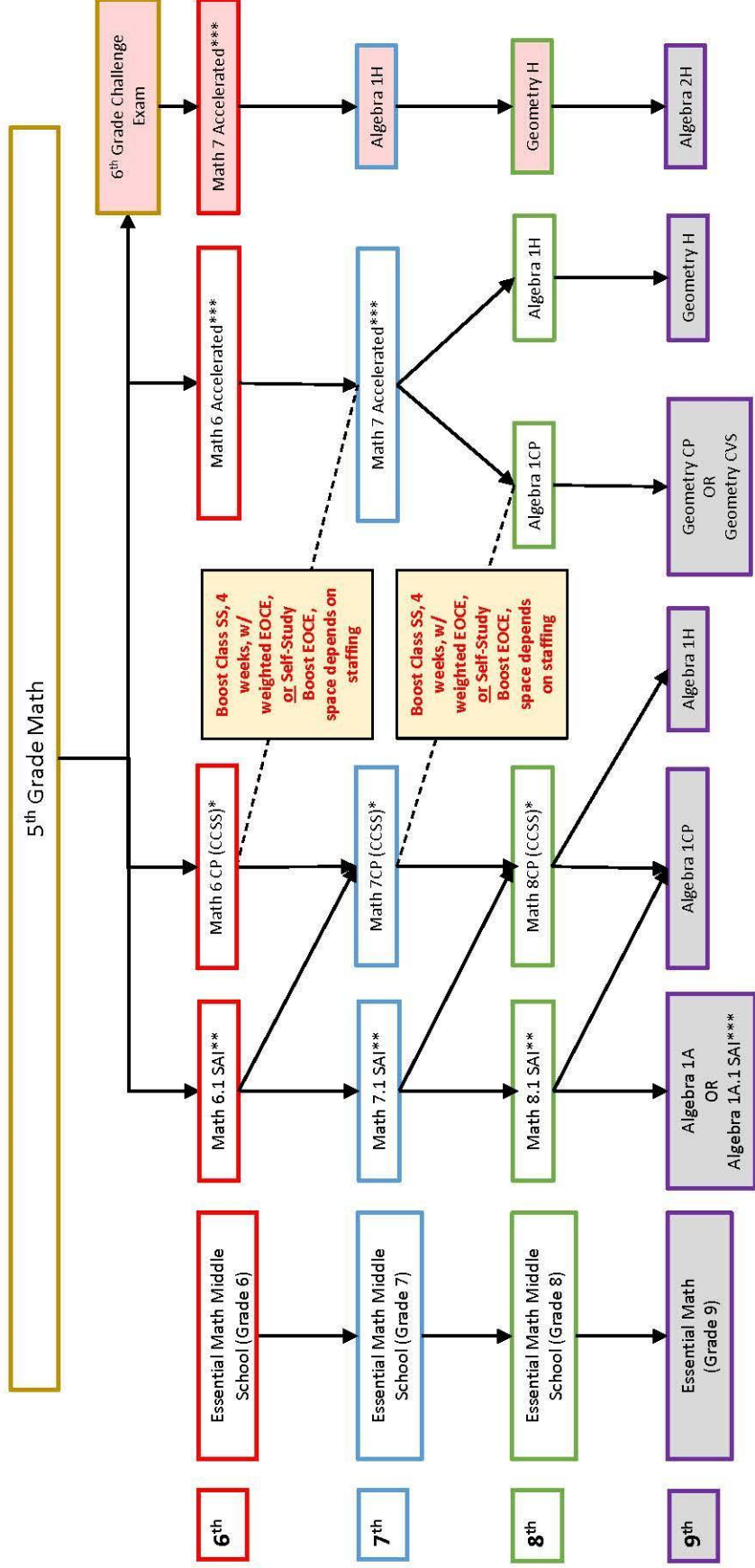
### **Steps to Challenge Math 6 – Taking the CVUSD 6<sup>th</sup> Grade Math Challenge Exam**

**Secure, complete, and submit registration:** Registration for the 6th Grade Math Challenge Exam is available online at [www.bit.ly/CVMathPlacement](http://www.bit.ly/CVMathPlacement). Any current 5th-grade students interested in challenging 6th Grade Math must register online at the link above **no later than May 22, 2023**. The examination will be administered at **Madrona Elementary School on Tuesday, June 20th, 2023**. Students will be allotted two hours for the exam. **Students must score 83% or better to be eligible to take Math 7A as a 6th grade student.**

It is the District's hope that this letter has assisted you in understanding the Math 6 Challenge Exam process. If your child does not meet the district-approved criteria for enrollment in Math 7A, 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 5-9



\*CCSS denotes courses aligned to the CA Common Core State Standards

\*\*SAI denotes courses that are considered Specialized Academic Instruction. Placement in SAI courses is determined by a student's IEP team.

\*\*\*Math 6 Accelerated / Math 7 Accelerated are courses that each include instruction in 1.5 years of CA Common Core State Standards.

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.