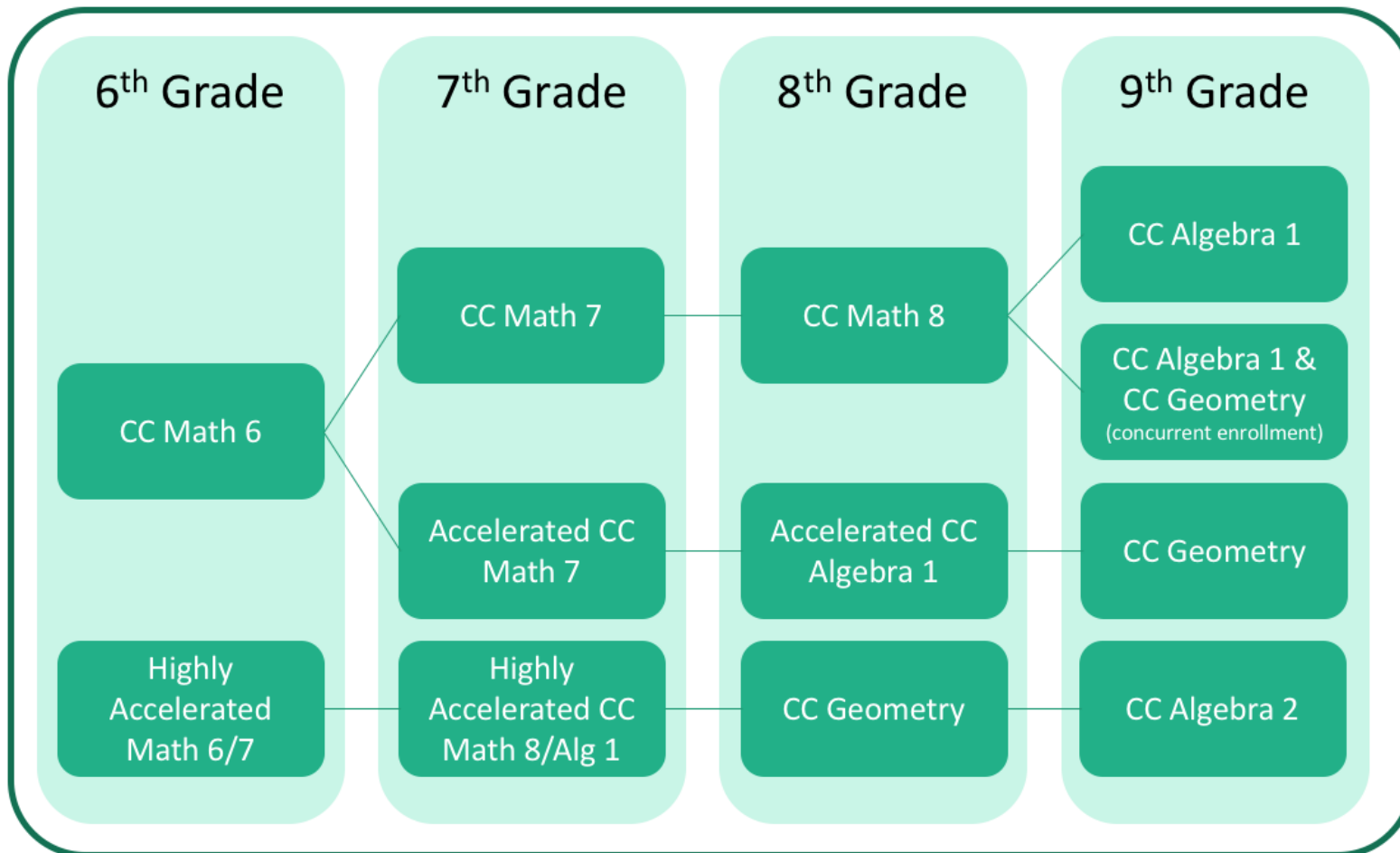




LOS ANGELES UNIFIED SCHOOL DISTRICT  
MEMORANDUM

# MIDDLE SCHOOL PATHWAY OPTIONS

ATTACHMENT D





LOS ANGELES UNIFIED SCHOOL DISTRICT  
MEMORANDUM

ATTACHMENT B

**ACCELERATION AGREEMENT IN MATHEMATICS**

- ❖ I have read the attached letter discussing the accelerated mathematics programs.
- ❖ I understand it is recommended that students in accelerated classes maintain a “B” or better.
- ❖ I understand that high school graduation credits are not given for courses taken in middle school. However, courses taken in middle school will be considered for student placement in high school mathematics.
- ❖ I understand the California Department of Education requires students to successfully complete four semesters (two years) of mathematics in high school, regardless of the level of course completed in middle school.
- ❖ I understand that LAUSD policy requires students to be enrolled in mathematics courses in grades nine through 11, regardless of the level of course completed in middle school.
- ❖ I understand the Smarter Balanced Summative Assessment given at the end of the year will be aligned to the grade my student is enrolled in, not my student’s mathematics course.
- ❖ In the event that my child is NOT progressing in this class, there will be a parent-teacher meeting set up on an agreed upon date to develop a mutual action plan for intervention and support.
- ❖ If, at the end of the quarter, the student has NOT earned a “B” or better in the accelerated mathematics course, he or she may be placed in a different pathway option.
- ❖ I understand that voluntary parent information meetings are offered to help me make a decision regarding my child’s math placement, and I should contact the school if I have questions.

By signing this form, I acknowledge the following:

*I have read this Acknowledgement Form and understand the above criteria for the accelerated mathematics program being offered.*

Student’s Name: \_\_\_\_\_ Grade: \_\_\_\_\_

Parent/Guardian’s Name: \_\_\_\_\_

Parent/Guardian’s Signature: \_\_\_\_\_

Email Address: \_\_\_\_\_ Phone Number: \_\_\_\_\_

# Millikan Affiliated Charter & Performing Arts Magnet Middle School

## Math Placement Information

### UCLA Mathematics Diagnostic Testing

#### What is UCLA Mathematics Diagnostic Testing Program (MDTP)?

- ❖ The MDTP was established in 1978 for the purpose of designing diagnostic tests to help teachers better prepare students for further study in mathematics. The idea behind the testing project is to provide a tool that enables a teacher to identify specific topics and skills needed by the student for success in mathematics at the next level.

**Exam Date for Current Millikan Students: April 26 & 27 During Math Class**

#### What Test will my child be taking?

##### GRADE 7 READINESS TEST

**For Current: Math 6 students & 5th Graders wanting Acceleration (excluding those accepted to the Math Academy)**

- |   |   |  |
|---|---|--|
| <ul style="list-style-type: none"> <li>• Evaluate variable expressions</li> <li>• Computation w/whole numbers &amp; integers</li> <li>• Prime Factorization</li> <li>• Order of Operation</li> <li>• Fractions as part of a whole</li> <li>• Volume of solids</li> <li>• Number lines with integers</li> <li>• Bar and line graphs</li> </ul> | <ul style="list-style-type: none"> <li>• Compare &amp; order integers</li> <li>• Least Common Denominator</li> <li>• Distance on the number line</li> <li>• Find mean or average</li> <li>• Perimeter of composite figures</li> <li>• Write equations</li> <li>• Converting mixed number into fraction and improper fraction into mixed number</li> </ul> | <ul style="list-style-type: none"> <li>• Ratios</li> <li>• Find percent of a number</li> <li>• Mark-up/Discount</li> <li>• Ordered pair on the coordinate plane</li> <li>• Absolute value</li> <li>• Add/subtract/multiply/divide fractions and mixed numbers</li> </ul> |
|---|---|--|

##### ALGEBRA READINESS TEST

**For Current: Acc Math 6/7, Math 7, Acc Math 7, Math 8**

- |  |  |  |
|--|--|--|
| <ul style="list-style-type: none"> <li>• Simplifying expressions w/exponents</li> <li>• Prime Factorization</li> <li>• Solve simple inequalities</li> <li>• Volume of solids</li> <li>• Add/subtract/multiply/divide decimals</li> <li>• Simplifying square roots</li> <li>• Bar &amp; line graphs</li> <li>• Write &amp; solve equations</li> <li>• Theoretical &amp; experimental probability</li> </ul> | <ul style="list-style-type: none"> <li>• Write &amp; solve proportions</li> <li>• Add/subtract/multiply/divide fractions and mixed numbers</li> <li>• Write variable expressions</li> <li>• Computation with integers</li> <li>• Find percent of a number</li> <li>• Estimating non-perfect square roots</li> <li>• Area of two-dimensional shapes</li> <li>• Write &amp; solve percent proportions</li> </ul> | <ul style="list-style-type: none"> <li>• Compare &amp; order fractions, decimals, mixed numbers, &amp; integers</li> <li>• Simplify complex fractions</li> <li>• Area and circumference of circle</li> <li>• Discount &amp; mark-up</li> <li>• Write in scientific notation</li> <li>• Graph linear functions</li> <li>• Solve system of equations</li> <li>• Pythagorean Theorem</li> </ul> |
|--|--|--|

##### GEOMETRY READINESS TEST

**For Current: Algebra Students**

- |   |  |  |
|---|--|--|
| <ul style="list-style-type: none"> <li>• Simplify/evaluate variable expressions</li> <li>• Multiply monomials with exponents</li> <li>• Area &amp; perimeter of two-dimensional figures</li> <li>• Multiply binomials</li> <li>• Graph inequalities on a number line</li> <li>• Simplify expressions with exponents</li> <li>• Solve system of equations</li> </ul> | <ul style="list-style-type: none"> <li>• Sum of measure of angles of a triangle</li> <li>• Solve equations</li> <li>• Solve &amp; Graph quadratic functions</li> <li>• Simplify radical expressions</li> <li>• Pythagorean Theorem</li> <li>• Factor Quadratic functions</li> <li>• Factor binomials</li> <li>• Write equations in point slope form</li> </ul> | <ul style="list-style-type: none"> <li>using slope and a given point</li> <li>• Solve system of equations</li> <li>• Solve inequalities with variables on both sides of inequality</li> <li>• Simplify polynomials by factoring</li> <li>• Volume of solids</li> <li>• Complementary &amp; Supplementary Angles</li> </ul> |
|---|--|--|

##### ALGEBRA 2 READINESS TEST

**For Current: Geometry Students**

- Exponents, Square Roots, Scientific Notation
- Linear Equations and Inequalities
- Polynomials & Quadratic Equations; including Complex numbers
- Functions and their Representations
- Geometry and Trigonometry
- Data Analysis & Probability & Statistics

##### PRE CALCULUS READINESS

**For Current: Algebra 2 Students**

- Exponents, Logarithms, & Radicals
- Linear Equations & Inequalities including graphs; Absolute Value
- Polynomials & Quadratic Equations
- Rational Expressions
- Functions & their Graphs