

RUSD MIDDLE SCHOOL MATH PATHWAYS

Rescue Union School District's Common Core Math Pathways for Middle School



RUSD MIDDLE SCHOOL MATH PATHWAYS



The Rescue Union School District is committed to providing appropriately challenging and rigorous math classes to all of our students!

To meet the diverse mathematical needs of our students, we offer three math pathways:

- 1. The traditional pathway*
- 2. The advanced pathway - A*
- 3. The advanced pathway - B*



RUSD MIDDLE SCHOOL MATH PATHWAYS



Each pathway consists of courses aligned to the California Common Core State Standards!

Each pathway prepares students to take the high school courses they'll need to get into California State Colleges and Universities!

Each pathway promotes a deeper understanding of mathematical concepts and emphasizes the mathematical practices students need to be successful!

RUSD MIDDLE SCHOOL MATH PATHWAYS

TRADITIONAL COMMON CORE

6th Grade

COURSE I

7th Grade

COURSE II

8th Grade

COURSE III

ADVANCED COMMON CORE - A

6th Grade

COURSE I

7th Grade

**ACCELERATED
COURSE II**

8th Grade

ALGEBRA

ADVANCED COMMON CORE - B

6th Grade

**ACCELERATED
COURSE II**

7th Grade

ALGEBRA

8th Grade

GEOMETRY

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which pathway is right for my child?





The Traditional Pathway



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The Traditional Pathway is designed for most students and is the standard course progression described in the California Common Core State Standards

The courses in this pathway are rigorous, require more critical thinking, and promote a deeper understanding of math concepts

TRADITIONAL COMMON CORE



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The Traditional Pathway leads to Algebra in 9th grade

Students on the traditional pathway are on track reach Pre-Calculus by the end of high school, satisfying California State University and University of California admission requirements

TRADITIONAL COMMON CORE





The Advanced Pathway - A



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The Advanced Pathway - A is designed for select, high achieving and mathematically gifted students

The courses in this pathway lead to Algebra in 8th Grade

ADVANCED COMMON CORE - A

6th Grade



7th Grade



8th Grade



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This pathway contains Accelerated Course II, which compacts the 7th grade and 8th grade material into a course that is taught in one year - It moves fast!

Additionally, the Common Core version of Algebra is considerably more rigorous than previous Algebra courses - including many concepts that were formerly taught in Algebra II!

ADVANCED COMMON CORE - A



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Students will be assessed for the Advanced Pathway - A at the conclusion of 6th grade

Multiple assessments and criteria will be considered when placing a student on the Advanced Pathway - A, including:

*MDTP Assessments
End of Course Exams
Grades*

*Teacher Recommendation
Chapter Test Scores
Standardized Test Results*

ADVANCED COMMON CORE - A

6th Grade

7th Grade

8th Grade



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The Advanced Pathway - A leads to Geometry in 9th grade

Students on the Advanced Pathway - A are on track reach Calculus by the end of high school, satisfying California State University and University of California admission requirements

Students must demonstrate a high level of proficiency for placement on the Advanced Pathway - A

ADVANCED COMMON CORE - A

6th Grade



7th Grade



8th Grade





The Advanced Pathway - B

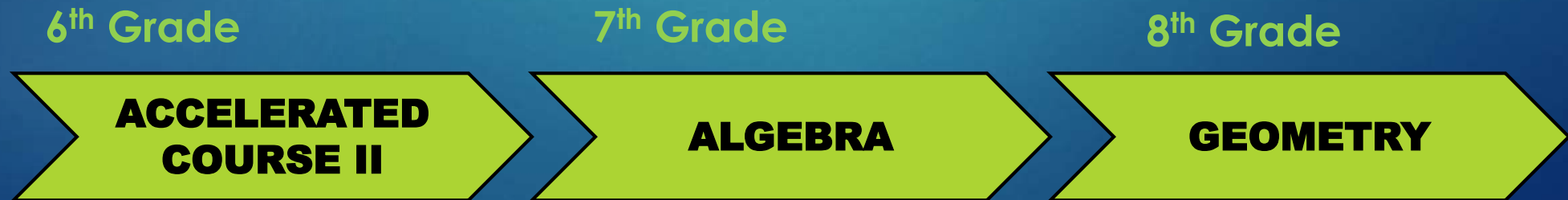


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The Advanced Pathway - B is designed for a VERY limited number of students who can demonstrate mastery of Course I, Course II, Course III, and Algebra before reaching 8th grade

The courses in this pathway lead to Geometry in 8th Grade

ADVANCED COMMON CORE - B



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The goal of ALL Pathways, is a deep understanding and mastery of mathematical concepts so that students are successful in college and careers. Placement on the Advanced Pathway - B will be limited to those students who can show mastery of material, well above their grade level

ADVANCED COMMON CORE - B

6th Grade

**ACCELERATED
COURSE II**

7th Grade

ALGEBRA

8th Grade

GEOMETRY

RUSD MIDDLE SCHOOL MATH PATHWAYS

Students will be assessed for the Advanced Pathway - B just prior to starting 6th grade

Multiple assessments and criteria will be considered when placing a student on the Advanced Pathway - B, including:

*MDTP Assessments
End of Course Exams
Grades*

*Teacher Recommendation
Chapter Test Scores
Standardized Test Results*

ADVANCED COMMON CORE - B

6th Grade



7th Grade



8th Grade



RUSD MIDDLE SCHOOL MATH PATHWAYS

The Advanced Pathway - B leads to Advanced Algebra II in 9th grade

Students must demonstrate the highest levels of mastery for placement on the Advanced Pathway - B

Students on the Advanced Pathway - B are on track reach Calculus BC by the end of high school, satisfying California State University and University of California admission requirements

ADVANCED COMMON CORE - B

6th Grade



7th Grade



8th Grade



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TO RECAP...

Each pathway is aligned to the California Common Core State Standards

Each pathway prepares students to take the necessary high school courses required to get into California's colleges and universities

Each pathway promotes a deeper understanding of mathematical concepts



RUSD MIDDLE SCHOOL MATH PATHWAYS



Rescue Union School District's diverse math pathways offer challenging, thought provoking, and stimulating math experiences for everyone

We can't wait to see how much your child can learn and grow on our pathways to mathematical success!



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If you have any questions or need assistance, please don't hesitate to contact your child's teacher, school principal, or Rescue Union School District's Director of Curriculum and Instruction, Dave Scroggins

