

San Carlos School District

Incoming 6th Grade Math Parent Night
April 16, 2019



Tonight's Agenda



- Welcome and Introductions
- SCSD Math Placement Measures and Pathways
- 6th Grade Math Course Offerings: Descriptions and Expectations
- High School and Beyond: SUHSD Math Pathways and University of California A-G Requirements
- Questions and Answers

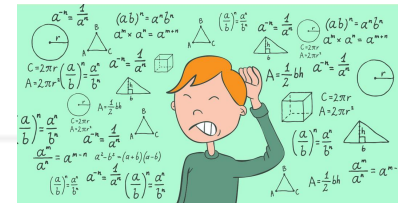


Sixth Grade Math Placement Measures and Process



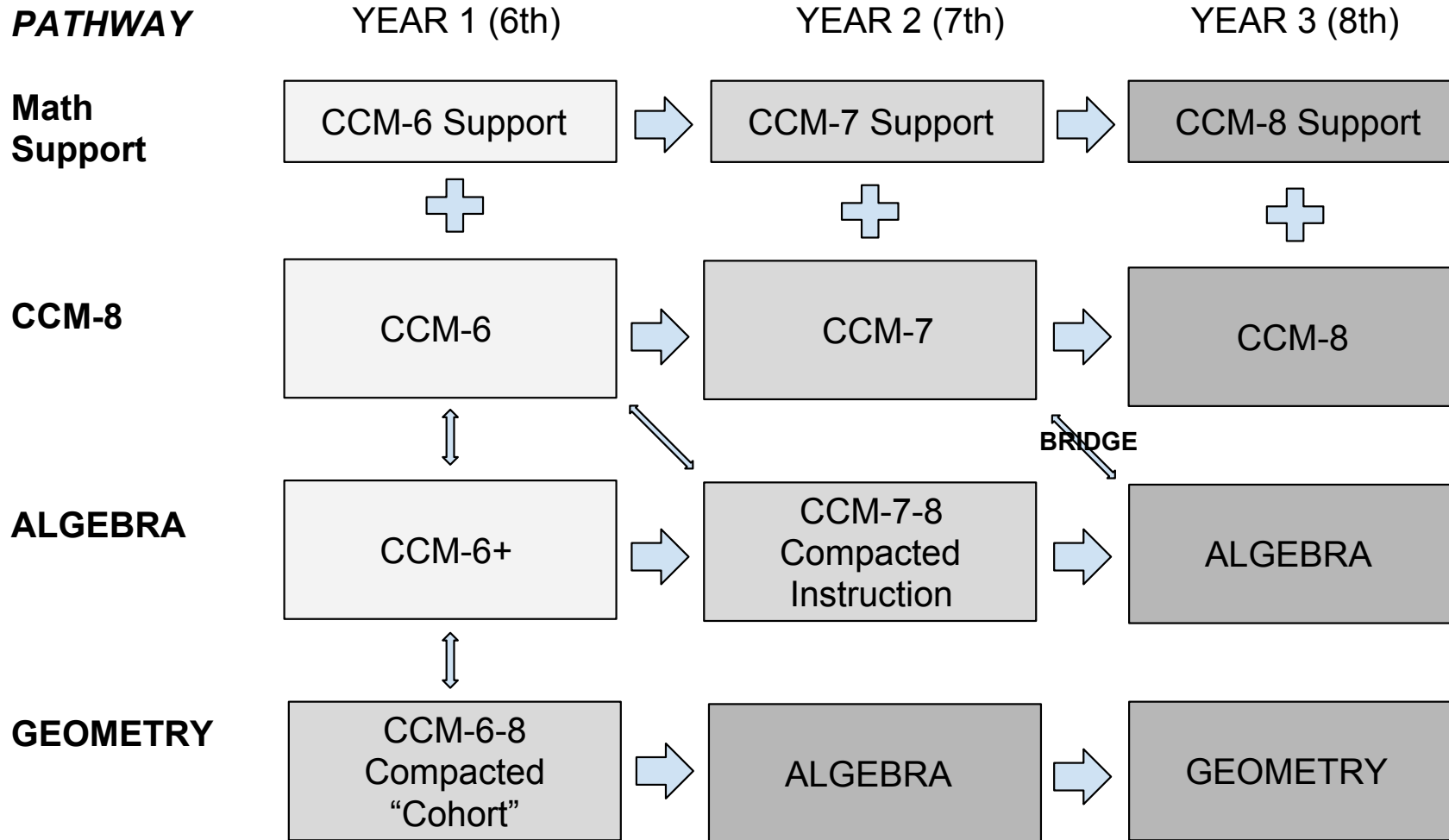
- Centralized District Process
 - Common Objective Measures and Performance Expectations for Placement
 - Multiple Choice Diagnostic Assessment
 - Two Performance Based Math Tasks
 - Both Measures to be Administered the Week of April 29
 - Second Trimester Benchmark- Administered in March
 - Placement Notification to be sent by June 5, 2019
 - Notification will Include Course Description and Acceptance or Appeal Form
 - Parent/Student Can Opt Out of a Higher Level Course
 - Formalized Appeal Process, Including Parent Input

State Standards K-8 Mathematics Domains



Counting & Cardinality						Ratios & Proportional Relationships		
Operations and Algebraic Thinking						The Number System		
Number and Operations in Base Ten						Expressions and Equations		
			Fractions					Functions
Measurement and Data								
Geometry						Geometry		
						Statistics and Probability		
K	1	2	3	4	5	6	7	8

SCSD Math Pathways



SCSD 6th Grade Math Courses



Common Core Math (CCM) 6:

This is a rigorous course in mathematics covering the the first year of the following domains: Ratio and Proportional Relationships; The Number System; Expressions and Equations; Geometry; and Statistics and Probability.

Homework Expectations: 15 minutes assigned nightly, Monday - Thursday

Common Core Math (CCM) 6+

This course will go deeper into the standards from CCM 6 with greater critical thinking expectations to prepare students for the CCM 7-8 compacted course that leads to Algebra by the beginning of 8th grade.

Homework Expectations: 20 minutes assigned nightly, Monday - Thursday

CCM 6-8 Compacted- AKA “Cohort Class”

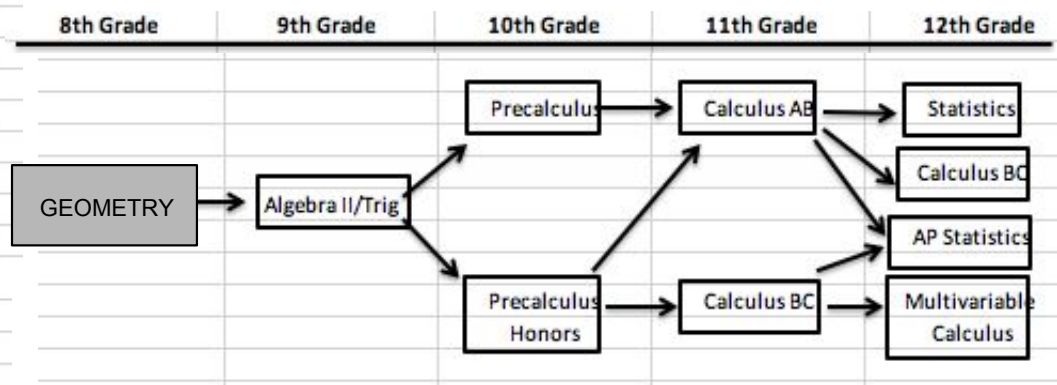
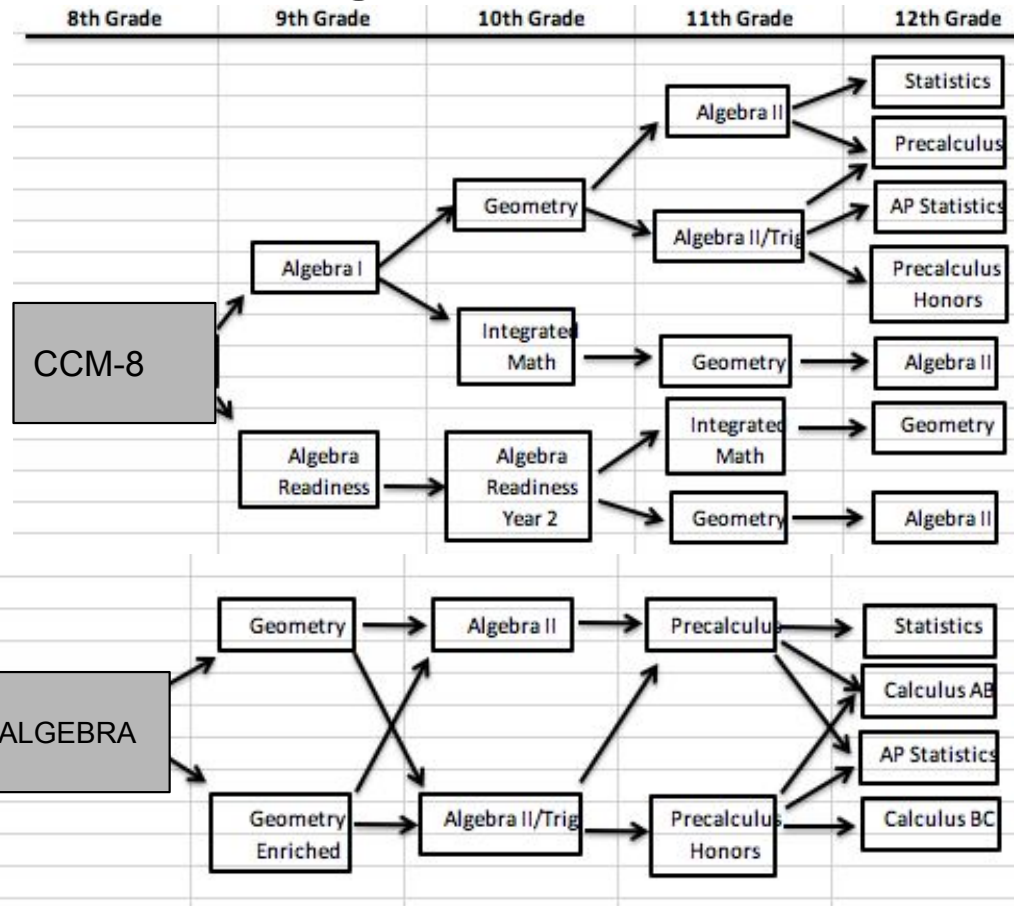
This compacted course covers all the critical standards for CCM-6 through CCM-8 (found on Slide 4), at a highly accelerated pace in one school year.

Homework Expectations: 30 minutes assigned nightly, Monday - Friday

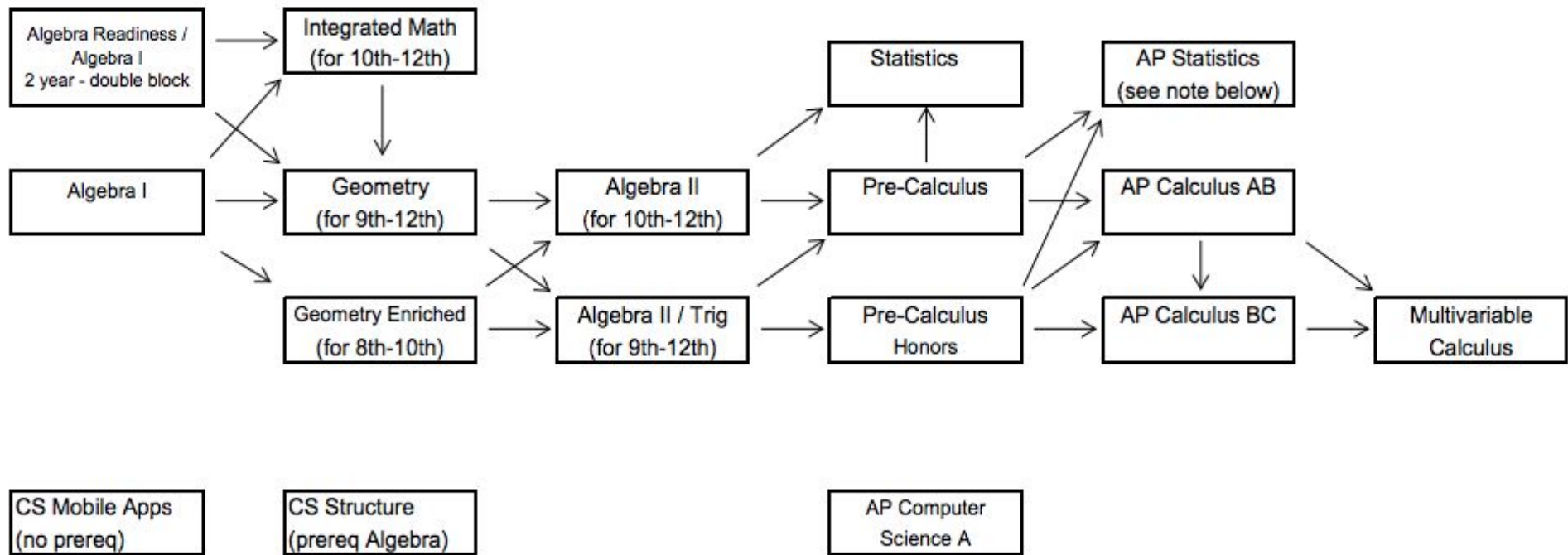


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Pathway Scenarios: Grade 8 - Grade 12



Carlmont High School Mathematics Department Course Offerings



Note: A grade of C or higher is required to progress to a subsequent class.

Note: Integrated Math is limited to students who received C's and D's in Algebra I in 9th grade

Note: AP Statistics requires completion of or concurrent enrollment in Pre-Calculus Honors or Pre-Calculus

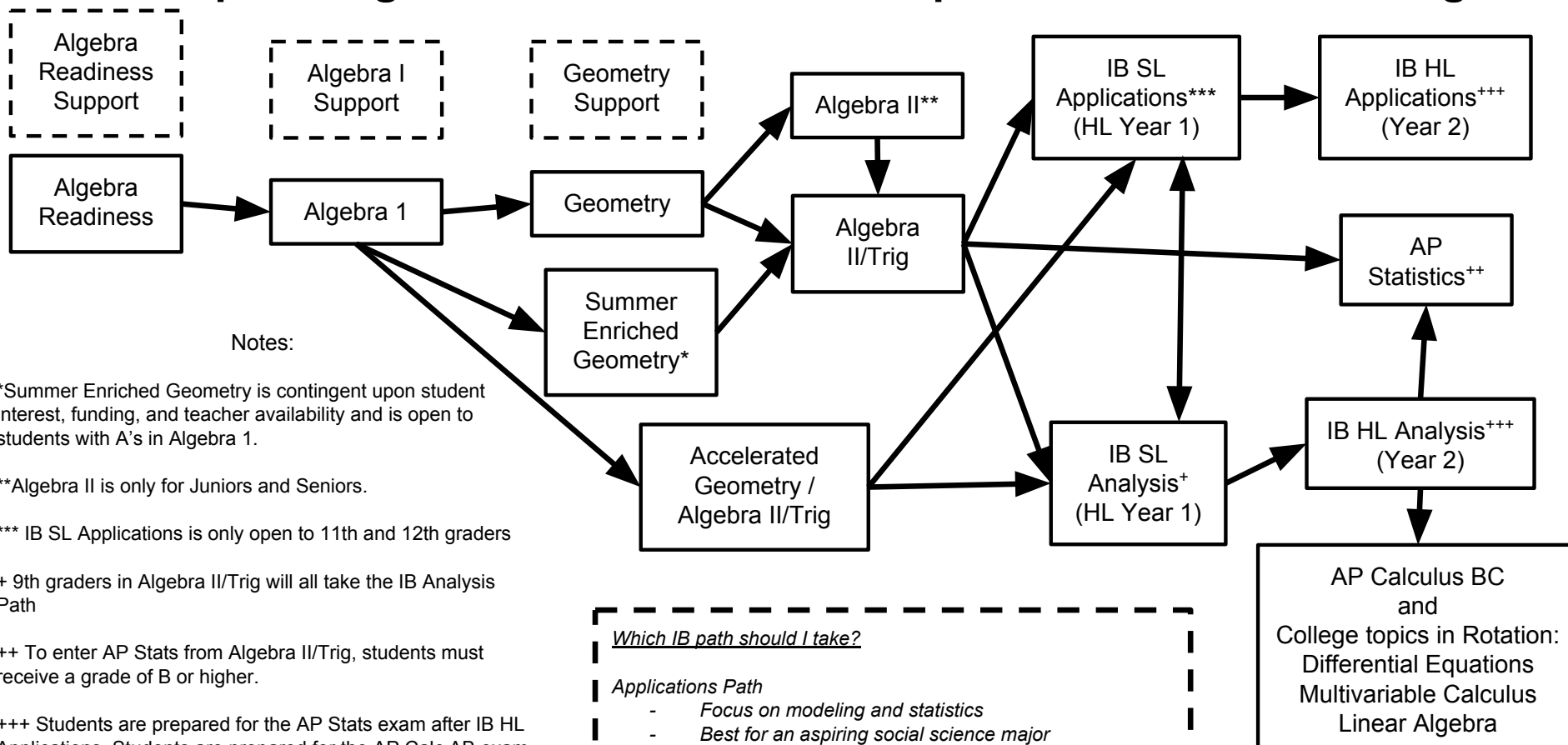
Note: AP Computer Science is open to students who have passed Algebra II, and passed CS Structure, or are in honors level math.

Note: AP Calculus AB to Multivariable Calculus would require summer work



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Sequoia High School Mathematics Department Course Offerings



Notes:

*Summer Enriched Geometry is contingent upon student interest, funding, and teacher availability and is open to students with A's in Algebra 1.

**Algebra II is only for Juniors and Seniors.

*** IB SL Applications is only open to 11th and 12th graders

+ 9th graders in Algebra II/Trig will all take the IB Analysis Path

++ To enter AP Stats from Algebra II/Trig, students must receive a grade of B or higher.

+++ Students are prepared for the AP Stats exam after IB HL Applications. Students are prepared for the AP Calc AB exam after IB HL Analysis

A full list of course descriptions is available on the [Sequoia High School Website](#)

Which IB path should I take?

Applications Path

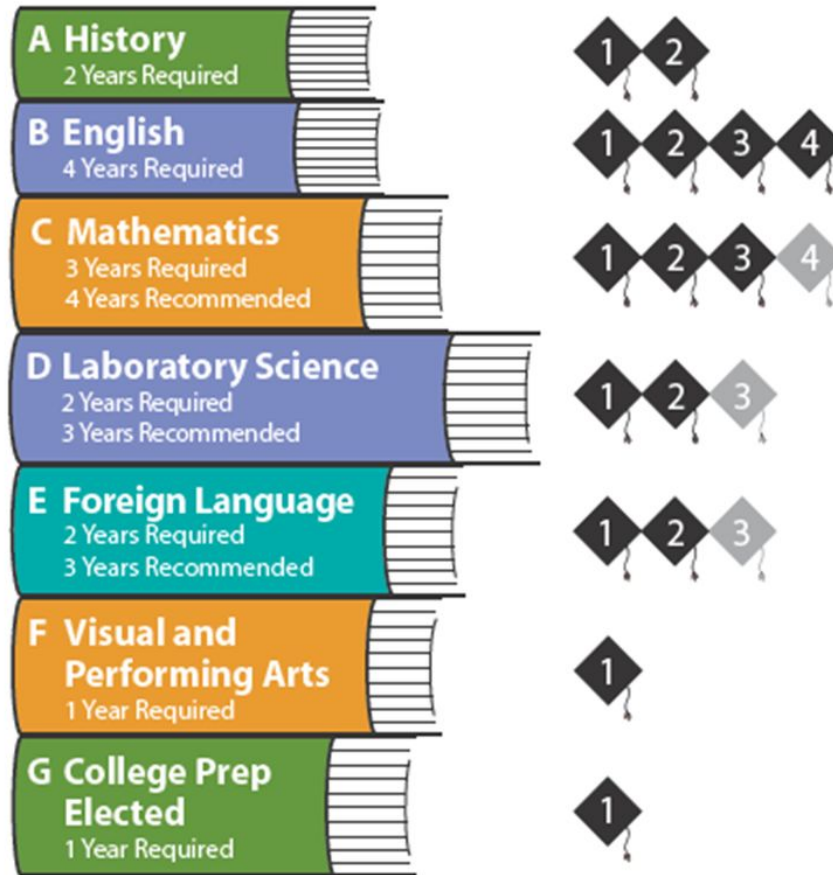
- Focus on modeling and statistics
- Best for an aspiring social science major

Analysis Path

- Focus on calculus and theoretical analysis
- Best for an aspiring STEM major or a student who really loves theoretical math



University of California A-G Requirements



* Grades of C or better required.

University of California Requirement C: Mathematics



- Math Courses Algebra I or Higher are A-G Compliant
- Geometry and Algebra II are Required Courses for A-G Compliance
 - SCSD Geometry Course Satisfies this Requirement
 - Algebra II Requires a Transcript from an Accredited Institution



Math Education is Not a Race



Each student learns at his/her own pace
Math is not “a mile wide and an inch deep”



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Questions



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