

IM3/STEM Contents covered:

Chapter 1: Investigations and Functions

Chapter 2: Transformations of Parent Graphs

Chapter 3: Solving and Inequalities

***Chapter 4: Normal Distributions and Geometric Modeling**

Chapter 5: Inverses and Logarithms

***Chapter 6: Simulating Sampling Variability**

Chapter 7: Logarithms and Triangles

Chapter 8: Polynomials

Chapter 9: Trigonometric Functions

Chapter 10: Series

Chapter 11: Rational Expressions and Three-Variable Systems

Chapter 12: Analytic Trigonometry

***Not covered in IM3 STEM**

IM3 STEM additional topics to be covered in depth include:

Trigonometric Equations

Sinusoids

Expanded Trigonometric Equations

CUHSD Mathematics Course Pathways 2017 -2018

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Grade level path #1	Math 8	Integrated Math 1	Integrated Math 2	Integrated Math 3 IB Math Studies (Y1) ⁴	Pre-Calc/Int Math 4 AP Statistics AP Computer Science ¹ Statistics ² Senior Math Seminar ³ IB Math Studies (Y2) ⁴
Grade level path #2	Math 8	Integrated Math 1	Integrated Math 2	Integrated Math 3 STEM IB Math Studies (Y1) ⁴	Pre-Calc/Int Math 4 AP Statistics AP Computer Science ¹ Statistics ² Senior Math Seminar ³ IB Math Studies (Y2) ⁴
One high school acceleration point	Math 8	Integrated Math 1	Integrated Math 2	Integrated Math 3 STEM IB Math Studies (Y1) ⁴	AP Calculus AB AP Statistics AP Computer Science ¹ Statistics ² Senior Math Seminar ³ IB Math Studies (Y2) ⁴
One middle school acceleration point #1	Math 8B/Integrated Math 1	Integrated Math 2	Integrated Math 3	Pre-Calc/Int Math 4 AP Statistics AP Computer Science ¹ Statistics ² IB Math SL (Y1) ⁴	AP Calculus AB AP Statistics AP Computer Science ¹ Statistics ² Senior Math Seminar ³ IB Math SL (Y2) ⁴
One middle school acceleration point #2	Math 8B/Integrated Math 1	Integrated Math 2	Integrated Math 3 STEM	Pre-Calc/Int Math 4 AP Statistics AP Computer Science ¹ Statistics ² IB Math SL (Y1) ⁴ IB Math HL (Y1) ⁴	AP Calculus AB AP Statistics AP Computer Science ¹ Statistics ² Senior Math Seminar ³ IB Math SL (Y2) ⁴ IB Math HL (Y2) ⁴
One middle school and one high school acceleration	Math 8B/Integrated Math 1	Integrated Math 2	Integrated Math 3 STEM	AP Calculus AB AP Statistics AP Computer Science ¹ Statistics ² IB Math SL (Y1) ⁴ IB Math HL (Y1) ⁴	AP Calculus BC AP Statistics AP Computer Science ¹ Statistics ² Senior Math Seminar ³ IB Math SL (Y2) ⁴ IB Math HL (Y2) ⁴

¹ AP Computer Science is offered at Branham, Leigh, Prospect, and Westmont and counts toward elective credit

² Statistics is offered at Leigh and Prospect

³ Senior Math Seminar is offered Branham

⁴ IB Course is offered at Del Mar

College

Preparatory

Mathematics



CPM

Parent information



CPM online resources:

CPM Homework Help

<https://homework.cpm.org/cpm-homework/>

CPM Parent Guide

<http://cpm.org/cca-parent-guide/>

CPM Student eBook

(Please ask your student or teacher for sign in PIN)

(English or Spanish eBook is available)

<https://sso.cpm.org/>

CPM Student Guide Book

<http://studenthelp.cpm.org/m/1039>

CPM etool/videos

For IM1: <http://cpm.org/int1-etools-videos>

For IM2: <http://cpm.org/int2-etools-videos>

For IM3: <http://cpm.org/int3-etools-videos>

CPM Resource page

For IM1: <http://cpm.org/int1-resource-toolkit-pages>

For IM2: <http://cpm.org/int2-resource-toolkit-pages>

For IM3: <http://cpm.org/int3-resource-toolkit-pages>

CPM Official website

<http://cpm.org/>

CPM Webstore

<https://shop.cpm.org/content/parent-landing.asp>

IM1 Contents covered:

Chapter 1: Functions

Chapter 2: Linear Functions

Chapter 3: Transformations and Solving

Chapter 4: Modeling Two-Variable Data

Chapter 5: Sequences

Chapter 6: Systems of Equations

**Chapter 7: Congruence and Coordinate
Geometry**

Chapter 8: Exponential Functions

Chapter 9: Inequalities

Chapter 10: Functions and Data

Chapter 11: Constructions and Closure

IM2 Contents covered:

**Chapter 1: Exploring Algebraic and
Geometric Relationships**

Chapter 2: Justification and Similarity

Chapter 3: Probability and Trigonometry

**Chapter 4: Factoring and More
Trigonometry**

Chapter 5: Quadratic Functions

Chapter 6: More Right Triangles

**Chapter 7: Proof and Conditional
Probability**

Chapter 8: Polygons and Circles

Chapter 9: Modeling with Functions

Chapter 10: Circles and More

Chapter 11: Solids

Chapter 12: Counting and Closure