

Draft 2021 California Math Framework (CMF) - Course Pathways

Non-CMF 2021 District

Grade	<i>Courses Available</i>	<i>Path to Calculus</i>
12 th	Calc AB, Calc BC, Statistics	Calculus BC
11 th	Alg 2, Alg 2/Trig, Pre-Calc	Pre-Calc
10 th	Alg 2, Alg 2/Trig, Geometry	Alg 2/Trig
9 th	Alg, Geometry, Int.1, Int. 2	Geometry
8 th	Algebra, Int. 1	Algebra
Integrated 1 + Integrated 2 = Algebra + Geometry		Ref. 1,2,3,4

CMF 2021 District

Grade	<i>Courses Available</i>	<i>Path to Calculus?</i>
12 th	Stat, Calculus+Trig, MIC 3, Int. 3	Calculus?
11 th	Pre-Calc, Alg. 2, MIC Data Science	Alg 2 + Pre-Calc?
10 th	MIC 2 Int. 2 Geometry	Geometry
9 th	MIC 1 Int. 1 Algebra	Algebra
"Math: Integrating and Connecting" (MIC) is more about computer literacy than math. (Ref. 1,2)		

- CMF 2021 delays Algebra until 9th grade.
- Districts that do not use CMF 2021 take one year each for Alg 2 and Pre-Calc allowing steady assimilation and deeper understanding of advanced math with better coverage of big ideas.
- CMF 2021 districts hold kids back until 11th grade causing a rush to calculus by forcing Alg 2 and Pre-Calc into one year. What level of calculus will students actually make it to without help from outside the public school system?
- By removing pathways to high achievement, the CMF 2021 systemically creates inequities.