

Math Authorizations and the Traditional Math Progression Courses they Authorize

✓ = Course is Authorized X = Course is NOT Authorized

/ = Use of this authorization for this course is a local-level decision; however, the authorization was not intended to authorize math curriculum at this level.

Credential Type	Authorization Type	Authorization Code(s)	Setting and Grade Level	Curriculum Level	K-8 Math (Incl. Pre-Algebra)	Algebra I ¹	Geometry	Algebra II	Trigonometry/ Pre-Calculus	Calculus
Single Subject Credential	Mathematics	R1S: MATH or MATX	Departmentalized K-12	All	✓	✓	✓	✓	✓	✓
Single Subject Credential	Foundational-Level Math ²	R1F: FLM or FLMX	Departmentalized K-12	All	✓	✓	✓	✓	X	X
Single Subject Credential	Subject Matter Authorization	SMAB: IM2	Departmentalized K-12	9th and Below	✓	✓	/	/	/	/
Single Subject Credential	Supplementary Authorization	R1B: IM2	Departmentalized K-12	9th and Below	✓	✓	/	/	/	/
Single Subject Credential	Mathematics Instructional Added Auth. (MIAA)	MIA1: NONE	Departmentalized K-12	Up to & Including Pre-Algebra	✓	✓	X	X	X	X
Single Subject Credential	Mathematics Instructional Added Auth. (MIAA)	MIA2: NONE	Departmentalized K-12	Up to and Including Algebra 1	✓	✓	X	X	X	X
Multiple Subject Credential	General Subject	R2M: GS or GSX	Self-Contained/ Core ³ K-12	All	✓	/	/	/	/	/
Multiple Subject Credential	Subject Matter Authorization	SMAB: IM2	Departmentalized K-12	9th and Below	✓	✓	/	/	/	/
Multiple Subject Credential	Supplementary Authorization	R2B: MATH	Departmentalized 9th and Below	All	✓	✓	/	/	/	/
Multiple Subject Credential	Mathematics Instructional Added Auth. (MIAA)	MIA1: NONE	Departmentalized K-12	Up to and Including Pre-Algebra	✓	✓	X	X	X	X
Multiple Subject Credential	Mathematics Instructional Added Auth. (MIAA)	MIA2: NONE	Departmentalized K-12	Up to and Including Algebra 1	✓	✓	X	X	X	X
MILS Credential	Mathematics Instructional Leadership Specialist (MILS)	MIL1: NONE	Departmentalized K-12	Up to and Including Pre-Algebra	✓	✓	X	X	X	X
MILS Credential	Mathematics Instructional Leadership Specialist (MILS)	MIL2: NONE	Departmentalized K-12	Up to and Including Algebra 1	✓	✓	X	X	X	X

¹ The CA State Board of Education adopted Mathematics Frameworks, aligned with the CCSSM, refers to “Algebra I” and “Integrated Mathematics I” as a ninth-grade curriculum level course.

² Updates resulting from Assembly Bill (AB) 167 (stats. 2021), Education Code §44257.2

³ A Self-Contained “Core” setting is when two or more subjects are taught to the same group of students in grades 5-8.