

To: California State Board of Education  
From: Patrick Callahan, Ph.D. Mathematics, Callahan Consulting  
Re: Adoption of the 2023 Mathematics Framework for California Schools

Dear SBE:

The revised version of the 2023 Mathematics Framework for California Schools is an improvement from previous versions.

I feel that section in pages 2 - 8 of Appendix A is redundant and in some cases misaligned with the content presented in Chapter 8. I do not think it helps clarify or serve a useful purpose. I propose eliminating those pages, and use the section "Key Mathematical Ideas to Promote Student Success in Introductory University Courses in Quantitative Fields" as the entirety of the Appendix.

There is still much work to be done on clarifying the pathways in high school mathematics to ensure that students have access to essential mathematics that prepares them for success in college or careers in ways that align with their goals and aspirations. I support the current version as a starting point for these important ongoing discussions of how to improve mathematics outcomes for all students. And encourage SBE to set up a taskforce or committee to develop a thoughtful, strategic, and empirical plan to improve high school math pathways.

Patrick Callahan

July 7, 2023