



Comprehensive Mathematics Policy

Model Policy | Frequently Asked Questions | 2024

Why do States Need a Comprehensive K-8 Mathematics Policy?

Every student is capable of learning and doing mathematics, yet it is socially acceptable to discount mathematics ability by claiming “I’m just not a math person.” If the United States is to remain on the forefront of innovation, it is time to take control of this narrative with policy that establishes high-quality, student-centered mathematics learning experiences. ExcelinEd’s K-8 Mathematics policy ensures that all students have access to relevant and rich mathematics and can become math people!

Why Should States Care About Mathematics Outcomes?

Success in mathematics builds students’ confidence in the quantitative skills necessary for making sense of the world around them and making informed life-decisions. Students who are confident mathematicians have increased economic prospects and a vast array of post-secondary and/or career opportunities!

What is the Basis for ExcelinEd’s Comprehensive K-8 Mathematics Policy?

Adding it Up: Helping Children Learn Mathematics, [The National Mathematics Advisory Panel](#), Enhancing Classroom Practice with Research behind Principles to Actions, Principles to Actions, and Visible Learning serve as the evidence base for [ExcelinEd’s K-8 Math Policy and Fundamental Principles](#).

What are the Fundamental Principles of ExcelinEd’s K-8 Mathematics Policy?

ExcelinEd’s K-8 Mathematics Policy provides the foundation to ensure that all students are prepared to succeed in algebra, which is a predictor of post-secondary success, as well as geometry and statistics. The six fundamental principles of a strong state mathematics policy are:

1. Adoption of high-quality instructional materials,
2. Professional learning for mathematics educators and leaders,
3. Using data from assessments to inform personalized instruction, intervention and to show progress,
4. Daily core mathematics instructional time paired with dedicated time for intervention and extension,
5. Communication between educators and parents/caregivers to celebrate a student’s mathematical accomplishments and provide support and resources for extension and/or remediation and
6. Automatic enrollment in advanced mathematics opportunities.

Learn More

ExcelinEd [Comprehensive K-8 Mathematics Policy](#)

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