

The DreamBox Math K – 8 curriculum design

At DreamBox, we understand that every student is unique in terms of learning needs, prior knowledge, confidence in mathematics and much more. That’s why we’ve designed a personalized digital curriculum that engages and inspires student thinking while empowering them to understand and become confident in mathematics. Built by and for educators using established principles from learning science and effective pedagogy, DreamBox has been proven to improve learning outcomes for all students.

DreamBox provides rigorous engaging lessons along coherent learning pathways



Conceptual exploration

- Sense-making through interactive exploration
- Open-ended problems



Looking for structure & relationships

- Strategic problem-solving
- Independent problem-solving



Procedural skills & fluency

- Applying strategies with number sense
- Procedural, algorithmic and fact fluency

What’s different about DreamBox Math?

Engaging virtual manipulatives aligned to standards

Built from the ground up to be adaptive, our lessons support coherent, connected learning designed to achieve the depth and rigor required for growth and achievement.

Virtual manipulatives engage learners in sense-making, conceptual understanding, looking for relationships and logical reasoning while developing number sense and procedural skills.

Personalized learning driven by students

DreamBox Math invites students to use transformative digital tools that promote active learning so they think and do for themselves in math rather than sit-and-get instruction where someone else does all the thinking.

Safe and age-appropriate lessons put students at the center of their own learning – encouraging independent critical thinking and productive struggle while fostering engagement and motivation.

Intelligent Adaptive Learning technology™ responds to how students solve problems

Both during and between lessons, DreamBox Math dynamically adapts and differentiates in real time based not only on students’ answers, but also on how they solve problems.

DreamBox Math continually analyzes key data about students’ answers and solution strategies. It tailors lesson recommendations and scaffolding to individual levels of readiness and proficiency. Students learn at their own level of achievable challenge.

Proven to drive results

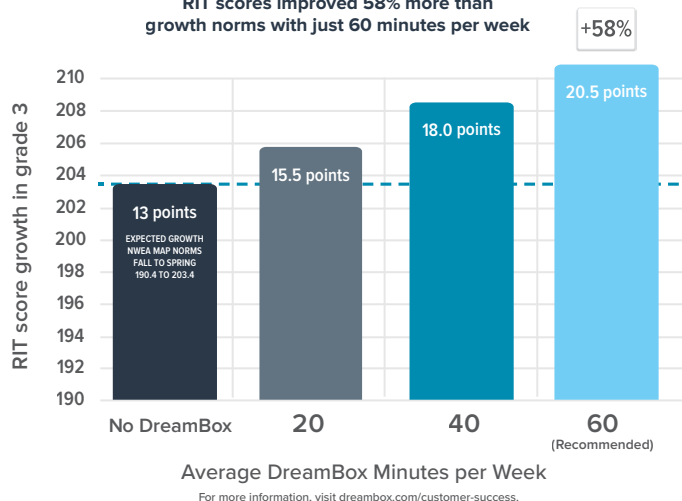
DreamBox Math is the only K–8 digital math program shown to positively impact student outcomes by multiple independent research studies.

Harvard study indicates Dreambox positively impacts math learning outcomes

A 2016 study of nearly 3,000 students by the Center for Education Policy Research (CEPR) at Harvard University revealed that for every 20 minutes a student spent on DreamBox, their Measures of Academic Progress® (MAP®) scores increased by 2.5 points. Because the study indicates a linear relationship between time spent on DreamBox and achievement gains, students who use DreamBox for the recommended 60 minutes per week stand to experience an increase of 7.5 points on the MAP.

DreamBox Math helps improve NWEA MAP® scores

RIT scores improved 58% more than growth norms with just 60 minutes per week



The CEPR Study included nearly 3,000 students in grades 3 – 5 representing culturally and economically diverse demographics from two school districts.

Unparalleled impact

- Supports 200,000 teachers and 5 million students
- Last school year, students completed 300 million+ lessons and across Canada
- Used in all 50 states

“We were looking for a digital program that promoted a deeper conceptual understanding of math. DreamBox was the only one we felt represented the thinking that we wanted our kids to have: it worked well to identify prerequisite skills and to truly individualize learning and processes while providing exposure to standards.”

– Josh Noland | Instructional Support Specialist,
Fayette County Public Schools, GA

About DreamBox Math

DreamBox Math is the only K – 8 digital math program powered by students, built by and for educators and proven to positively impact student achievement. Both during and between lessons, DreamBox dynamically adapts and differentiates in real time based not only on students’ answers, but also on how they solve problems. By automatically and continually supporting all students at their right level, DreamBox is a powerful partner in every classroom, school and district. Along with actionable reporting and tools that empower classroom differentiation for all learners, DreamBox also gives teachers content-specific professional development relevant to the math their students are learning. It also provides administrators with insights about how all students are progressing and enables strong connections between home and school.



Learn more. Visit dreambox.com



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