4 Ways DreamBox Can Help Drive Positive Math Outcomes for Middle School Students

Middle school students are in a unique stage as they transition into more independent learners. How do students learn in middle school? What classroom strategies can educators adopt to keep learners engaged during this critical time? Discover four ways to help students thrive within math and beyond.

1 Create the right learning journey for each student

Why: Every student enters the classroom with different levels of math skills, knowledge, and confidence. Through personalized math instruction, educators can meet students exactly where they are. As a result, teachers can offer increased opportunities to build skills and improve conceptual understanding as well as foster strategic reasoning and problem-solving abilities.

How: DreamBox Intelligent Adaptive Learning™ technology uses continuous formative assessment to capture and analyze over 48,000 data points per student, per hour. This advanced personalization ensures students engage within their zone of proximal development and encounter the right content at the right time.

> DreamBox Math provides outstanding differentiated instruction, adapting in a wide variety of ways to give students a better learning experience.
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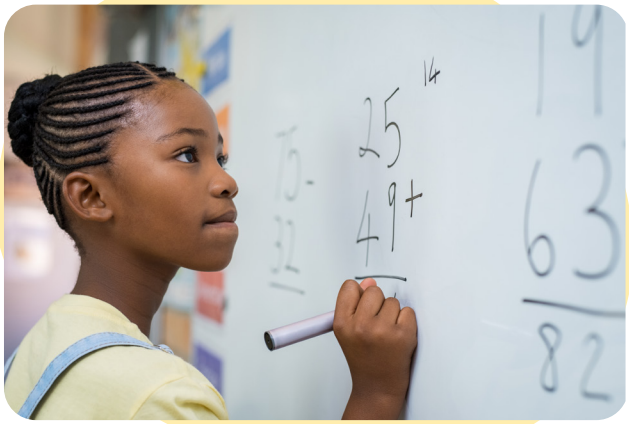

2 Engage students with motivating learning experiences that cultivate math confidence

Why: By the time students reach middle school, they may already think of themselves as good or bad at math. This attitude has a measurable effect on student success. Middle school students thrive in classrooms that offer obvious opportunities to build emotional connections among peers, teachers and mathematics.

How: Students using DreamBox Math engage in a motivating learning experience that leverages gaming protocols to help them understand even the most challenging mathematical concepts. They gain confidence and persist through the lessons, all while developing their own math thinking.

3 Empower educators with the best tools and data to drive learning

Why: Even the most dedicated, experienced educators can struggle to find the time and resources to give every student the necessary attention and support. Fortunately, pedagogically valid digital programs can capture critical data throughout the entire learning journey to inform program personalization and better address individual strengths and gaps.

How: DreamBox Math continuously assesses student progress and proficiency, capturing and analyzing thousands of pieces of data and providing scaffolding and feedback in real time. The solution also offers individualized, standards-aligned lesson recommendations so teachers can easily differentiate instruction and coach skills in the moment.

4 Provide all students with access to an evidence-based learning solution

Why: Evidence-based learning solutions can improve educational outcomes and close achievement gaps. During this critical transitional period, middle school students must access learning solutions that have proven efficacy.

How: DreamBox Math is ESSA-approved Tier 1 (STRONG) and proven by third-party research to improve student achievement. A study conducted by the Center for Education Policy Research at Harvard University analyzed data from nearly 3,000 students. The analysis indicated 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 suggests a linear relationship between time spent on DreamBox Math and achievement gains, students who use DreamBox Math for 60 minutes per week stand to experience an increase of 7.5 points on the MAP.

Learn More about DreamBox Math

Discoveryeducation.com/dreambox-math-difference