



WHAT EDUCATORS ARE SAYING:

“DreamBox helped our school make AYP last year for the first time in five years. In fact, our students had the highest growth in math test scores in the Seattle School District.”

— VICKI SACCO, PRINCIPAL
WEST SEATTLE ELEMENTARY
A TITLE 1 SCHOOL

“DreamBox Learning is the most effective program I have seen for increasing math comprehension among English Language Learners. Because DreamBox uses visual models and adapts scaffolding and the level of difficulty of problems based on each student response, the program adjusts quickly to provide additional support for students who might not immediately grasp a concept due to a language barrier. DreamBox allows my students to explore math concepts independently at their own pace.”

— KATHLEEN MARSHALL
3RD GRADE TEACHER
JUANITA ELEMENTARY SCHOOL
A TITLE 1 SCHOOL

Intelligent Adaptive Learning™

Alignment to Title I

Part A: Increasing the Academic Achievement of the Disadvantaged

Product Overview

DreamBox Learning is changing the way students engage with and understand math. Through our innovative technology we deliver a phenomenal level of individualized math instruction. Dynamic adaptations, based not just on answers but on strategies, keep all learners, from struggling to advanced, in their optimal learning zone.

DreamBox Learning's rigorous math curriculum is aligned with Common Core State Standards and builds conceptual understanding and fluency. Our integrated instruction, assessment, and detailed reporting give teachers and administrators actionable data on comprehension, proficiency, and academic progress. Just as important, we offer a highly engaging experience that teaches in a way that motivates today's kids.

Title I, Part A: Key Goals and DreamBox Learning Alignment

Title I is designed to help districts and schools with high numbers of disadvantaged children in meeting challenging learning standards by providing additional academic support and opportunities.



Implement quality assessments that help monitor student progress and assist in the diagnosis, teaching, and learning to ensure students meet academic standards and succeed in the curriculum.

DreamBox Learning is an online math program that delivers a deep, individualized learning experience that simultaneously develops conceptual understanding, computational fluency, and problem-solving ability. Lessons, hints, level of difficulty, pace, sequence, instructional tools, and many other aspects of the experience are tailored to help each student learn.

One of the first activities is a placement lesson. Placement lessons assess a student’s existing knowledge and place him/her at an appropriate place in the DreamBox curriculum.

Deeper Level of Adaptation

DreamBox Learning goes beyond right and wrong answers by assessing the strategy a student used with the interactive manipulatives to answer a question, how quickly a student answered the question, if extra help was needed, and if there was improvement. Using this data our technology adapts the lesson appropriately.

Ongoing Progress Monitoring

DreamBox provides real-time academic progress reporting that gives teachers and administrators insight into how students are progressing. DreamBox reports are easy to understand, give teachers support for making instructional decisions, and provide details on student comprehension to share with parents. This includes:

- Where students were placed in the curriculum
- Academic progress
- Math concepts learned
- DreamBox effectiveness
- Concept-level comprehension

DreamBox Learning’s adaptive platform enables fine-grained assessment of comprehension and proficiency which provides teachers with a detailed view of each child’s progress. This includes:

- A graphical at-a-glance progress summary for every student in the class and the class as a whole
- Expandable views of all of the lesson groups within the curriculum categories
- A description of the specific math concepts each child is learning
- Notifications on struggling students who may need additional assistance

Coordinate and integrate services provided under this part with other educational services (such as children with limited English proficiency and children with disabilities) in order to increase program effectiveness.

Dynamic adaptation based not just on right or wrong answers but also on strategies enable every student to excel in math. Each student receives the right next lesson, at the right level of difficulty, with scaffolding tailored to their level of comprehension.

DreamBox Learning supports learning for ELL and special needs students by providing:

- Highly visual, hands-on activities: Students can explore and learn mathematical concepts in a manner that is less language-dependent than most other materials and methods for teaching math concepts;
- Virtual manipulatives and visual representations of math concepts to support multiple learning styles;
- Guided practice and corrective feedback; and
- Appropriate levels of scaffolding including hints and repeat of instructions.

Coordinate and integrate services provided under this part with other educational services at the local educational agency or individual school level

DreamBox Learning can be funded from state, local, private, and federal funding sources. Other federal programs include:

- Title III, English Language Acquisition Grants
- Title I, Part A
- School Improvement Grants
- 21st Century Learning Communities
- IDEA, Part B
- Response to Intervention

Implement effective parental involvement

DreamBox Learning encourages parental involvement by providing parents with a detailed real-time view into their child’s academic progress via email alerts and a Parent Dashboard. Parents can engage in their child’s education via home access to a challenging and interactive mathematics program. Parents can also access free parent education resources such as monthly activity calendars, math growth chart and much more.

Parents are given the information and activities they need to strengthen home-school connections. These free printable documents and downloads (including monthly math activity calendars) are designed to help parents remain involved in children’s math learning at home.

SELECT KEY REQUIREMENTS *

DREAMBOX LEARNING

Use funds under this part to support after school (including before school and summer school) and school-year extension programs.

Aligned with the Common Core State Standards, DreamBox Learning supplements any primary textbook mathematics program. Since DreamBox Learning adapts to each student's needs, it can be implemented in a variety of ways depending on a classroom or school need. This includes:

- Computer lab
- Before/after school
- Math block
- Online learning programs
- Summer school
- Targeted instructional pull-out

Provide additional educational assistance to individual students assessed as needing help in meeting the academic achievement standards.

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High Degree of Adaptation
 DreamBox Learning responds to every mouse click and draws from a vast pool of proven instructional strategies and scaffolding techniques. The result is millions of possible pathways through a rich and rigorous curriculum and more time spent on the appropriate tasks.

Like a good teacher, the system continually asks and answers these questions:

- What supports (scaffolding and hints) are needed to keep this learner from getting stuck?
- Does the learner understand this concept well enough to move on?
- Is this learner struggling due to gaps in understanding that need to be filled before continuing?
- Is the learner falling behind, zooming ahead, or staying in the zone of proximal development?
- What instructional tools and types of instruction work best for this learner?
- Where should this learner go next?

The system watches the student work and provides a thoughtful response so that each student receives the right next lesson, at the right level of difficulty, with scaffolding tailored to their level of comprehension. As students learn and modify their strategy, elements of lessons change to help students develop mastery.

Implement research-based instructional methods

Developed by board-certified teachers with leading mathematics education experts, including Skip Fennell, Cathy Fosnot, and John Van de Walle, DreamBox Learning incorporates the best practices for math instruction. DreamBox Learning's instructional philosophy is built around a rigorous math curriculum, aligned with Common Core State Standards that continuously adapts based on the individual needs of each student.

A rigorous independent study conducted by SRI International found that students who had greater access to DreamBox Learning achieved significant gains in overall mathematics scores. For the average student, these gains would be equivalent to progressing 5.5 points in percentile ranking (e.g., from the 50th percentile to the 55.5th percentile) in just 16 weeks.

This SRI International study and other effectiveness reports can be found on the DreamBox Learning website: www.dreambox.com/effectiveness-studies.

*Source: Department of Education, www2.ed.gov/policy/elsec/leg/esea02/pg2.html#sec1116.

For more information, contact Client Care at 877.451.7845 or email schools@dreambox.com.



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Intelligent Adaptive Learning™