

SUCCESS IN CANADIAN CLASSROOMS

THE MATH ENVIRONMENT

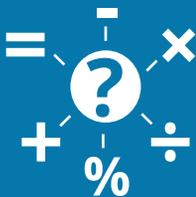
The math classroom faces unique challenges. Students enter the classroom with varying math experience. Raising student confidence and success in math relies on personalized, differentiated instruction that meets students at the right level and prepares them for future math success.

It is of equal importance to set educators up for success in the math classroom. DreamBox delivers the information and insights that are key to understanding each student, differentiating instruction and preventing lost instructional and planning time.

Educators in Canadian math classrooms seek a solution that supports them in driving positive change in math achievement and attitude. The following Canadian success stories demonstrate the positive impact DreamBox has on student math achievement and attitudes.



AT A GLANCE



CHALLENGE

The math classroom faces unique challenges including math anxiety, low engagement, struggling students and the need for additional educator support.



SOLUTION

DreamBox Learning® offers a K-8 adaptive platform powered by students, built by and for educators and proven to positively impact student math achievement.



RESULTS

Using DreamBox in the math classroom engages and motivates students with learning that meets them at the right level. The more students engage with DreamBox, the higher their growth in math.

THE DREAMBOX LEARNING® MATH SOLUTION

DreamBox is a comprehensive solution to the challenges Canadian educators face in the math classroom. DreamBox drives student engagement by combining a motivating, gamelike environment with a rigorous curriculum aligned to provincial standards. The platform addresses the need for personalized instruction by dynamically adapting, in real-time, to students' answers and strategies to provide lessons that meet them at the right level.

DreamBox also empowers teachers with real-time academic insights to better inform instruction, and professional development based on student data delivered right when they need it most.

DREAMBOX DELIVERS RESULTS:

WINNIPEG SCHOOL DIVISION 1

Winnipeg School Division 1 implemented DreamBox Learning® across 54 schools. Each school actively used DreamBox in their math classrooms with 5000 students in grades K-3 across the district.

Over 10 months of use, the District saw students actively engaging with DreamBox in each participating classroom with an average usage of 1 hour spent in the platform per week. This demonstrates students actively engaging in their math learning. This engagement shows a strong positive correlation to percent growth within DreamBox.

Across the 54 schools, students averaged 94% growth within DreamBox. As students engage more with DreamBox (Figure 1 - shown by "Usage"), their percent growth also increases. This illustrates the connection between highly engaged, motivated students and higher math achievement.

STUDENT GROWTH IN DREAMBOX OVER 300 DAYS

Winnipeg School Division 1

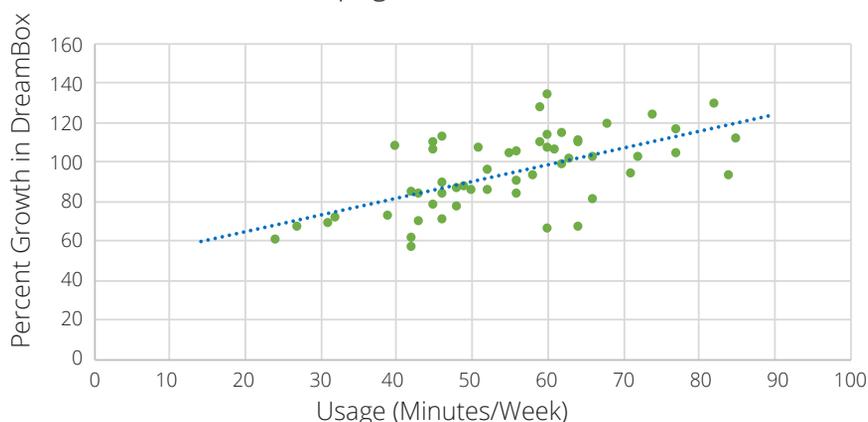


FIGURE 1. STUDENT GROWTH WITHIN THE DREAMBOX PLATFORM OVER THE 300 DAYS IN USE IN 54 SCHOOLS ACROSS WINNIPEG SCHOOL DIVISION 1

FRONTENAC AND ST. MARY SCHOOLS

The results that DreamBox delivers are striking right from the start. Frontenac School in Manitoba's Louis Riel School Division and St. Mary Catholic School in Ontario's Niagara Catholic District School Board each participated in a 4 month DreamBox pilot.

Both schools sought to improve student math attitudes, achievement and confidence and support teachers in delivering meaningful, personalized instruction.

In all 3 classrooms spanning grades K-6, students actively engaged with DreamBox spending an average of 1.5 hours per week in the platform. Students were excited to use DreamBox, even asking for Dreambox time in the classroom describing it as "*challenging and fun*". This shift in attitude towards math resulted in a more engaged, more motivated class that teachers attributed to DreamBox as Mrs. Manning from the Louis Riel School Division states:

"I have one student who asks to spend time on DreamBox saying that "it is easier for me to learn this way because I know what to do, sometimes I don't know what to do with paper." This alone is enough for me to use DreamBox."

This attitude shift and engagement represented by "Usage" (Figure 2) correlates to percent growth with DreamBox. Increased time spent in DreamBox results in increased growth.

Educators participating in these pilots effectively used DreamBox's real-time data to inform their instruction and deliver meaningful, differentiated lessons. They recognize the time it saves to have deep data available for each student's math learning. Ms. Stranges, from NCDSB, states:

"We're really in love with this program. It's a huge time saver for us as it fosters independence freeing us to work with a small group of students while others are on DreamBox."

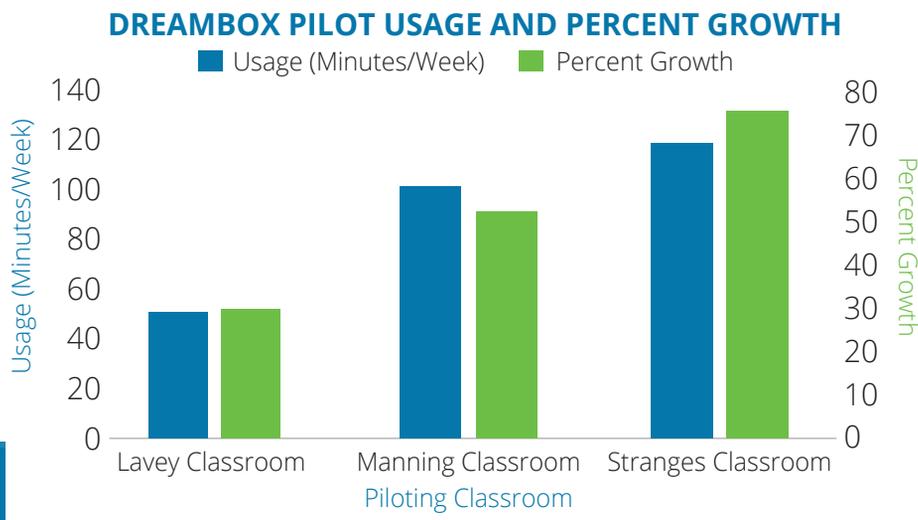


FIGURE 2. STUDENT PERCENT GROWTH IN DREAMBOX INCREASES WITH INCREASED USAGE IN 3 PILOTING CLASSROOMS

“DreamBox will ‘learn’ what a student can do and adjust. Students are working within their instructional learning zone and feel capable and therefore motivated.

With DreamBox, I know exactly where any difficulties are, it is a great tool to help fill in some gaps and support math instruction.”

- M. Manning, Louis Riel School Division, MB

STAY CONNECTED



@hcdsb_mrscott

Thank you @mickleja and @jillStaples6 for the amazing resources, we are loving the collaborative games and @DreamBox_Learn is a blast. 🚀

@E_Zrinscak

We are loving our #MathPractice on @DreamBox_Learn! ❤️ When you hear students making connections between our math learning focus and their activity on @DreamBox_Learn, you know they're onto something!!

@s_densmore

DreamBox in full force! Using technology to practice our math skills. 🧐

A POWERFUL PARTNER IN EVERY CLASSROOM

With DreamBox, students gain a deeper understanding of math and educators gain a deeper understanding of their students. DreamBox Learning® students actively engage in learning using interactive, digital manipulatives to explore, reason, make connections and develop critical thinking and problem solving strategies for math. Real-time data and just in time professional development informs more meaningful instruction for teachers ultimately improving math confidence, reducing lost instructional time and facilitating personalized learning. DreamBox is a powerful partner in every classroom, school and board.

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