EdTech: How School Leaders Are Leveraging Technology to Accelerate Student Learning

February 9, 2021



Moderator



Griselda Young-Ojeda Professional Learning Consultant Imagine Learning

Co-Presenters



Darin Brawley, Ed.D.
Superintendent
Compton Unified
School District, CA



Antonio Burt, Ed.D. Chief Academic Officer Shelby County Schools, TN



Michael Lombardo CEO & Founder BookNook

Co-Presenters



Barbara Nemko, Ph.D. Superintendent of Schools Napa County Office of Education, CA



Ilene Rosenthal CEO & Founder Footsteps2Brilliance



Jessie Woolley-Wilson President & CEO DreamBox

The Campaign for GRADE-LEVEL **READING**

Creating an Equitable, Community-Wide Model for Accelerating English and Spanish Language Acquisition



Feb. 9, 2021

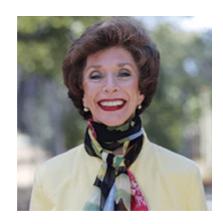


Presented by:

Dr. Barbara Nemko
Superintendent
Napa County Office of Education

Ilene Rosenthal
CEO and Founder
Footsteps2Brilliance, Inc.

Dr. Barbara Nemko



Dr. Barbara Nemko
Superintendent,
Napa County Office of
Education

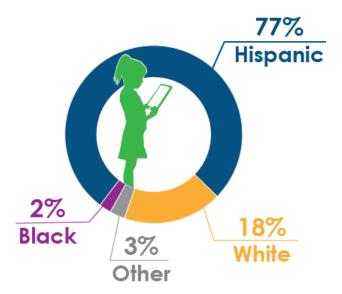
Superintendent, Dr. Barbara Nemko has created a world class bilingual early learning ecosystem.



Tackling the Opportunity Gap



WHICH CHILDREN ARE REPRESENTED?





Getting the word out ...



Bus ads





Bookmarks



... in the movie theaters

Students Acting Out the Story, Anyway Cafe

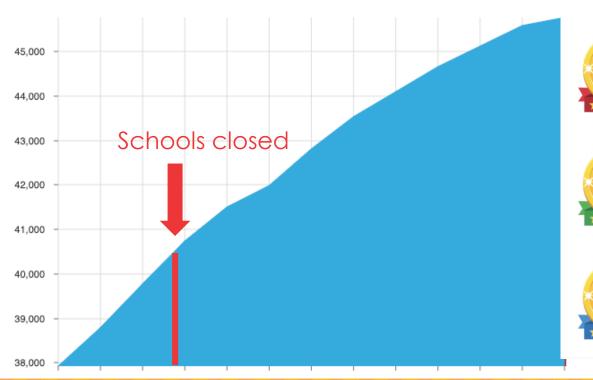






Engagement during COVID

Hours of Literacy Jan 1, 2020 – Jan 1, 2021





Hours of Literacy

16,771



Words Read

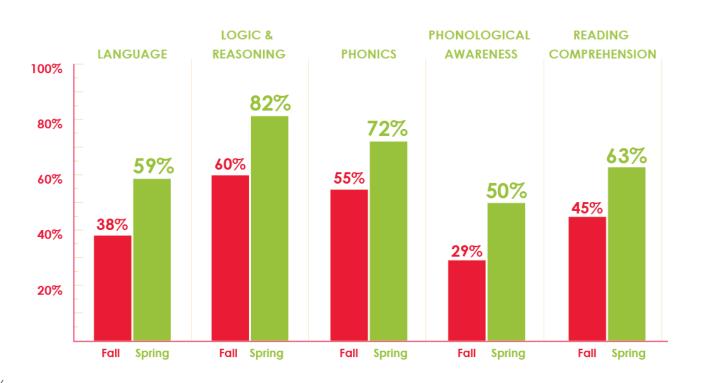
58,423,492



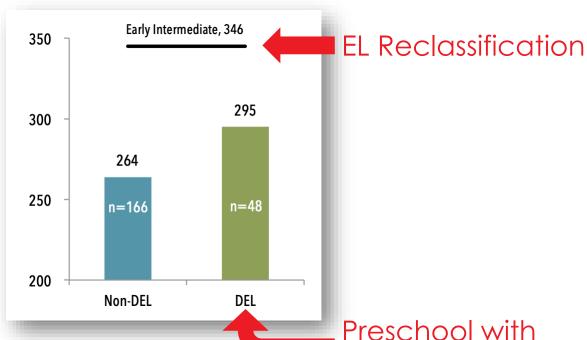
Books Read

118,869

Tackling the Opportunity Gap



English Language Learners on a Path to Reclassify



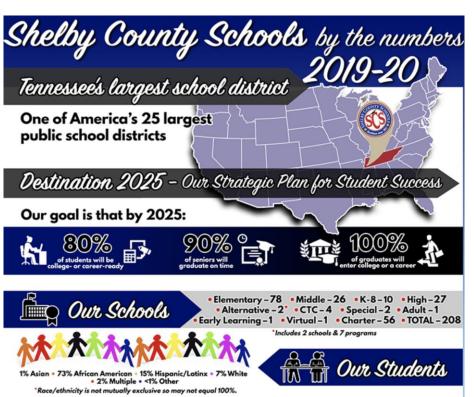
Footsteps2Brilliance



BookNook



Shelby County Schools Overview



✓ Pre-K – 5,600 ✓ K-12 (non-charter) – 89,900 ✓ K-12 (charter) – 17,700 ✓ TOTAL – 113,200
✓ Optional Schools – 11,500 ✓ Gifted/C.L.U.E. – 2,650 ✓ iZone – 10,800 ✓ English Language Learners – 10,500
✓ Empowerment Zone – 6,800 ✓ Students with Disabilities – 13,000 ✓ Economically Disadvantaged – 57,000



Pre-Pandemic: BookNook & SCS

17

- Program launched as an afterschool and summer supplement in 2018-19 serving 900 SCS students
- Community partnership model: Methodist LeBonheur Healthcare & Urban Child Institute
- Planned pilot for 20 SCS K-5 schools as Tier III intervention in fall 2020



Reading is "Fun"-damental for students in the Book Nook program



Students are improving their literacy skills with the help of the Book Nook tablets and with the assistance of

Distance Learning in SCS

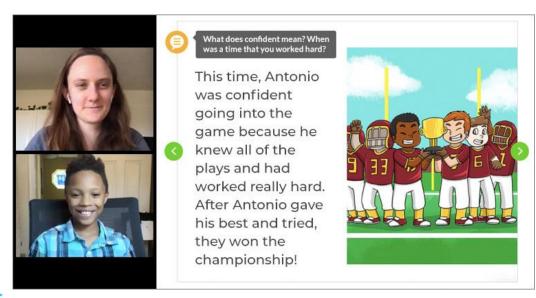
- Distributed 95,000 laptops, tablets, and hotspots
- Implemented comprehensive MS Teams environment for online learning
- Provided robust PD opportunities for all stakeholders (teachers, principals, families,

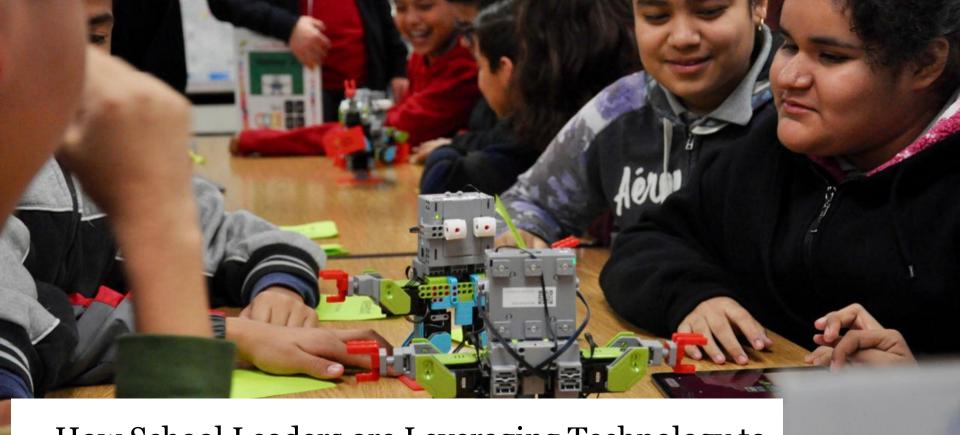




BookNook During Distance Learning

- Leveraged CARES funding from the state to double planned roll-out
- BookNook now deployed at 40 SCS elementary schools and through 35 community partnership programs
- Reaching over 7,000 of the highest need students across Memphis

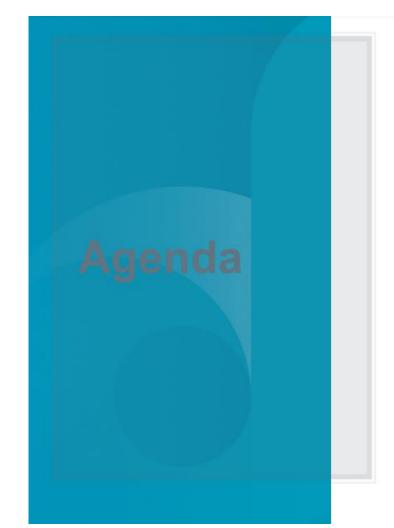




How School Leaders are Leveraging Technology to

Accelerate Student Learning **Dr. Darin Brawley**







Review your implementation goals & status



Review student usage and data trends



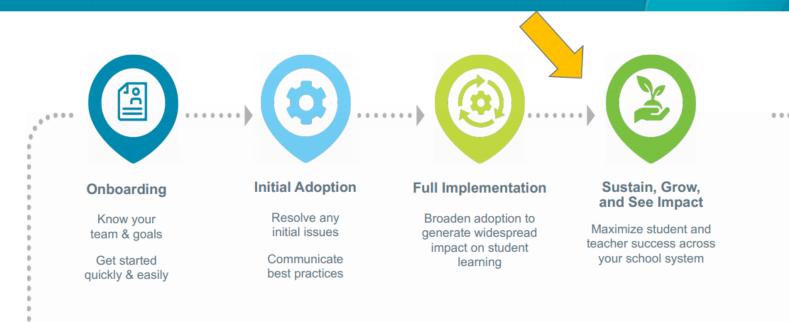
Discuss areas of strength & ideas for improvement



Wrap up with next steps



DreamBox Learning Journey





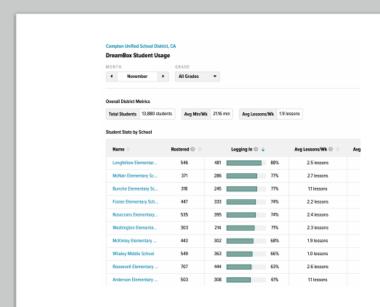
Student Usage – Login % & Lessons

Highlights:

- Longfellow had the highest percentage of login 87% and completing 3.7 lessons/week in October (10.21) and continues to have the highest percentage for log in rates in November (88%).
- · McNair has the highest for weekly lessons at 2.7 in November.

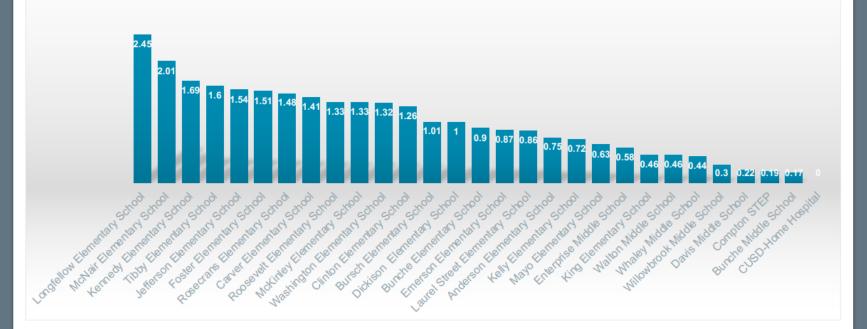
Things to Think About:

- . How can we acknowledge and celebrate the completion of the action steps?
- How can we champion best practices to support schools with lower login percentage and lesson completion rates?

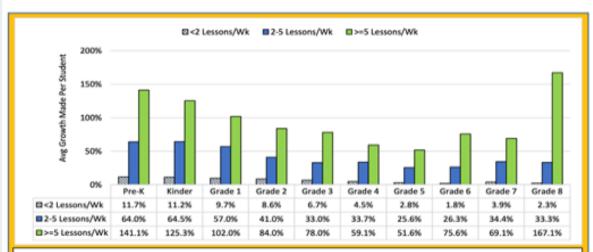


District Hyper Metrics	October 20, 2020	November 30, 2020		
Students	13,930	13,880		
Minutes	28	21		
Lessons	2.6	1.9		





DreamBox + Compton Unified Average Growth by Grade and Lesson Per Week Cohort 8/20/20 - 2/4/21

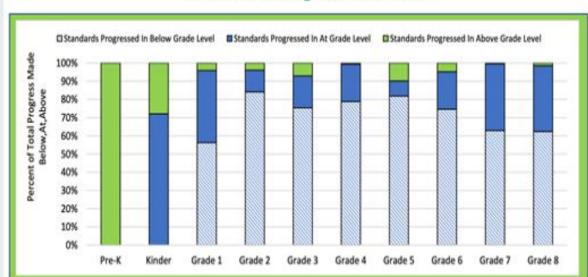


DATA SUMMARY: This graph shows the difference in growth on average between students who played different amounts of lessons in this report's timeframe. For example, students in Pre-K who played less than 2 lessons a week achieved 11.71% total growth on average, students that played between 2 and 5 lessons achieved 63.96% total growth on average, and students who played equal to or over 5 lessons a week achieved 141.07% total growth on average. Please note that 100% growth equates to a full grade level worth of new content learned in the timeframe. Any "0.0%"s mean that no students played in the specific grade and lesson group.

Graph 1 highlights positive trends for growth across all grade levels with highest gains made in grade 8 and Kindergarten.

Average growth for students completing 5+ lessons in K-5 is one full grade level or 95%, (2/1/21 Administrator Dashboard Growth Report).

DreamBox + Compton Unified Standards in Progress Breakdown



DATA SUMMARY: The graph above shows the percent of the total standards in progress that are below, at and above the student's grade level. For example, Grade 1 student play consisted of 56.35% under-grade-level work, 39.57% at-grade-level work, and 4.08% above-grade-level work in the timeframe. If a large percent of the standards being played are below grade level, this indicates that the students associated with that grade may be struggling with the content at their grade level.

Graph 2 highlights power of the DreamBox Intelligent Adaptive Engine.

Much of the growth is for unfinished learning from prior grades, which is how we empower teachers to focus their class time with students on grade level expectations.

Engaging Educators as Partners

DreamBox offers a range of ways for educators to learn more at their own pace, and in a community of learners.

Product Update:

Amanda's request for custom date range in order to inform weekly usage competitions.

 New Dashboard – Student Usage Report now has weekly usage for each month (example to the right).

DreamBox Professional Learning Updates:

- ✓ Webinars with our specialists
- → SY 2020-2021 PD Hours Available: 6 Virtual Onsites x 4 Hours = 24 Webinar Hours
- → Webinar Hours Delivered November/December: 17 Webinar Hours
- → Webinars Currently Scheduled for January: 2 Webinar Hours
- SY 2020-2021 Webinar Hours Remaining: 5 Webinar Hours

9/27 - 10/3 10/4 - 10/10 10/11 - 10/17 10/18 - 10/24 10/25 - 10/31					Date Range: September 27, 2020 - October 3, 2020				
Name 🌲	Grade 😡 🗧	Sun 9/27	Mon 9/28	Tue 9/29	Wed 9/30	Thu 10/1	Frt 10/2	Sat 10/3	Lessons
Alphonso, Glanna	3	0 min - 0	0 min - 0	28 min - 3	0 min - 0	21 min - 3	0 min - 0	0 min - 0	(69
Baldomero, Kate	5	0 min - 0	0 min - 0	0 min - 0	0 min - 0	0 min - 0	0 min - 0	0 min - 0	(0)



Compton Unified Distance Learning Resources

Visit: bit.ly/cusddistancelearn



DISTRICT

PK-8th Grade

High School

Distance Learning Toolkit

Training Sche







Teacher Student Password Reset

bit.ly/cusddistancelearn

Educator Sign In



Click Here for the How-to Guide for CUSD Distance Learning Platform

EQUITABLE Achievement Outcomes



- Equity-Driven small group instruction
- Content that is self-paced and personalized
- Pre K-STEAM Pathways for All
- Differentiated support through MTSS and RTI
- Collaboration and critical thinking in problem solving and Computational Thinking

What are some important facts about CUSD?





85% Latino 15% African American 34% English Learners









87.1% Graduation Rate

About Compton Unified



About Your Initiative

The Compton Turnaround is fueled by an innovative blended learning classroom model that combines personalized learning using adaptive computer programs with real world learning opportunities through problem solving found in PBL in a technology rich environment. This model, Student-Driven Blended Learning +PBL is designed to embrace the diversity of all Compton students including our target subgroups of African American and English Learners students, and provide innovations in support of equity that transforms learning for all students.

Demographics Served

Compton Unified School District Los Angeles, California.

23,000 Students

85% Latino 15% African American 34% English Learners

36 Schools

99+% Free/Reduced Lunch

Teachers

Graduation Rate



innovation in Action:

Student-Driven Blended Learning + PBL

EQUITABLE Achievement Outcomes

An Instructional Approach for ALL!

- ❖ Data-Driven small group instruction
- Content that is self-paced and personalized
- ❖ Designated ELD time for multiple levels of EL students
- ❖ Differentiated support through MTSS and RTI

Outcomes



Instruction that Works for All!

Teachers implementing this instructional approach are able to meet the needs of all students by developing data informed activities, integrating PBL, and providing Designated ELD during small group instruction. Students are engaged in learning and teachers are inspired when they witness student growth.

CUSD Graduation Rate



The Design Process

CUSD Guide to the ELD/RTI/Blended Learning Model



- KNOW YOUR STUDENTS · Gather and Aggregate Data
- Determine Proficiency Levels · Create Flexible Groups based on data
- CREATE LEARNING STATIONS
- Describe and Label Stations (3-5) · Provide Instructions at Each Station
- · Create Rotation Schedule/Transition Cue



- · Flexible Seating
- · Collaborative Setting · Label Stations, Provide Directions
- MANAGEMENT / PROCEDURES



- Easily Recognizable Transition Cue
- Establish Student Accountability
- PROGRESS MONITORING
 Monitor Student Progress
- Conference with Students











Dr. Darin Brawley Superintendent dbrawley@compton.k12.ca.us

Find out More

Visit our Website : bit.ly/cusddistancelearn

Thank You

Dr. Darin Brawley



llene Rosenthal

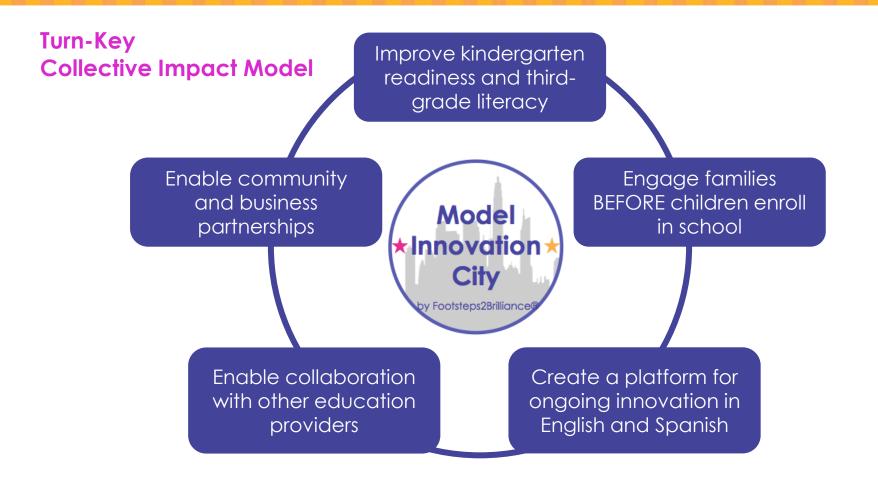


Ilene RosenthalFounder and CEO
Footsteps2Brilliance

Footsteps2Brilliance has created a collective impact model in English and Spanish that accelerates kindergarten readiness and 3rd grade reading proficiency.



Big Brains for Little People™



Footsteps2Brilliance Bilingual Early Learning System



Footsteps2Brilliance School Edition



Summer School PreK - 3rd Grade



Clever Kids University: Pre-Reader



Data Dashboards



Clever Kids University:
I Can Read



Professional Learning Community

Equity = Access





Any device (smartphone, tablet, computer)



No Wi-Fi required



100% bilingual English & Spanish



Parent University



Comprehensive teacher support

United Way of North Central MA Innovation Zone Winter Reading Challenge Dec. 20, 2020 – Jan. 20, 2021



Consortium of 10 rural school districts and university



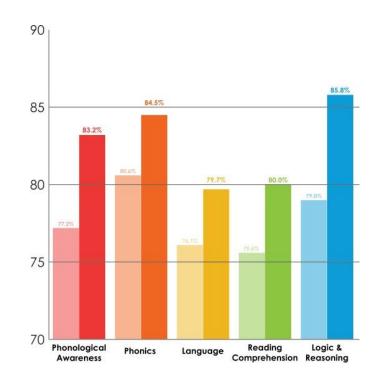
Over 950 participants



Distributed information through schools, on social media, and in food packs



1,234 hours reading and writing on Footsteps2Brilliance

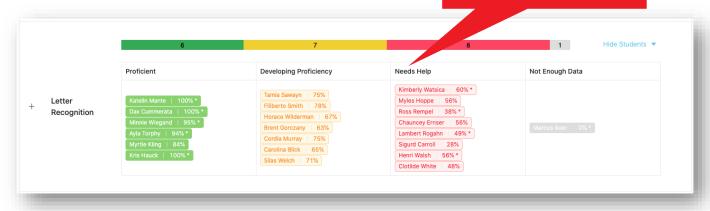




Reading with Pinky and Mrs. J

Flexible Grouping

How should I group students for maximum impact?



Next Cohort of Model Innovation Cities https://tinyurl.com/F2B-GLR

Library of Free Resources



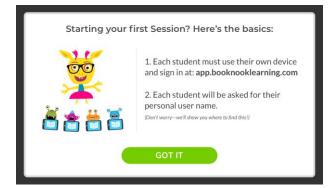


BookNook

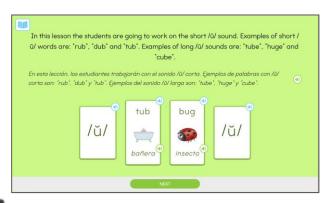


How does the program work?





















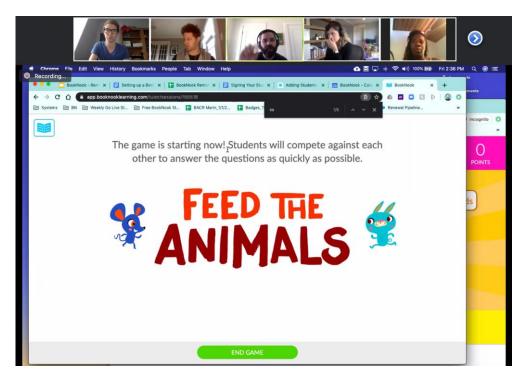
Remote Tutors for Added Support

VIRTUAL TUTORING PROGRAMS

- 2 sessions per week
- 8-17 weeks total
- 1:1 or 1:4 ratios
- During or after school

BOOKNOOK TUTORS

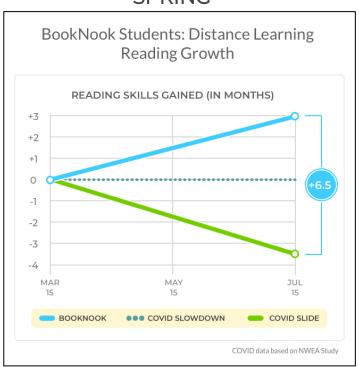
- All virtual
- At least 2 years of experience
- Criminal background check
- Rigorous training on pedagogy,
 virtual teaching, anti-racism



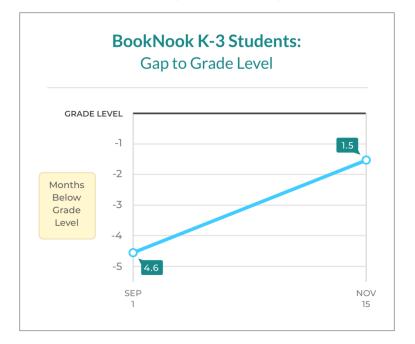


Results from Real-Time Data

SPRING



FALL (As of 11/15)

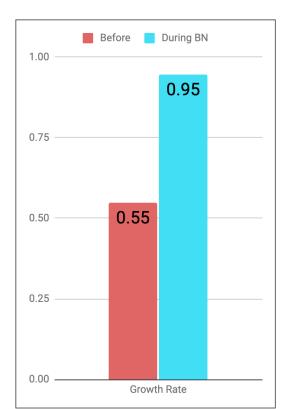


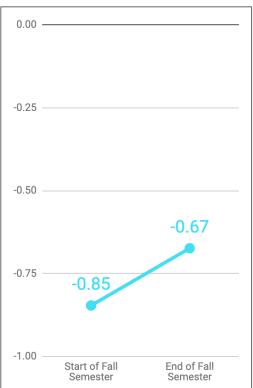


SCS Progress Year-to-Date

46

- Comparing data from early Sept to Dec SCS students showing tremendous growth
- Rate of reading skill progress up nearly 200%
- Students trending towards reaching grade level with continued support

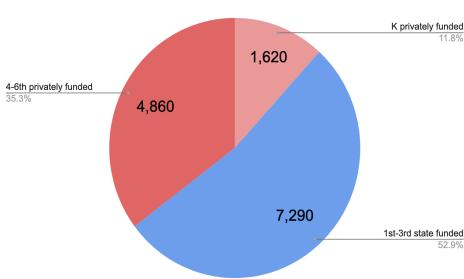




Looking Ahead in 2021

- In Jan, the state of TN announced a new \$100M reading initiative
- Funding will support a massive remote tutoring effort for grades 1-3 beginning this summer
- Family opt-in requirement makes community partnerships crucial
- We believe we can reach 13,000+ students with high dose tutoring



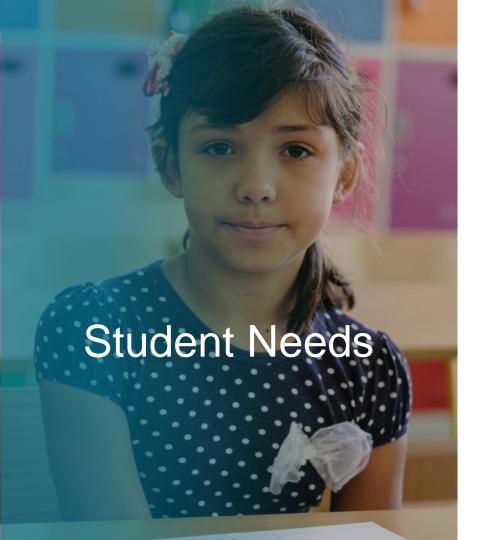




Brilliant Students. Empowered Educators.

Jessie Woolley-Wilson

Technology's Role in Accelerating Learning Loss Recovery

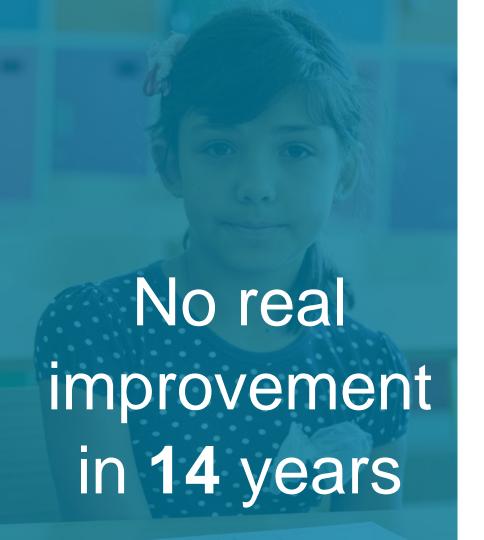


2005

U.S. Math Proficiency, NAEP

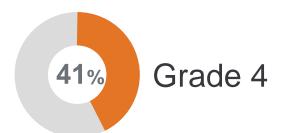


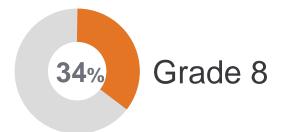




2019

U.S. Math Proficiency, NAEP





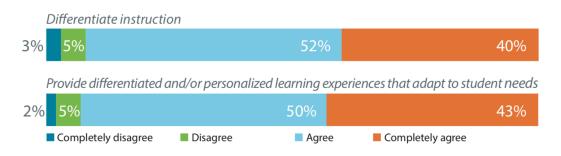
93% of educators believe technology is an effective way to provide differentiated and/or personalized learning.







Using technology for instructional purposes is an effective way to:





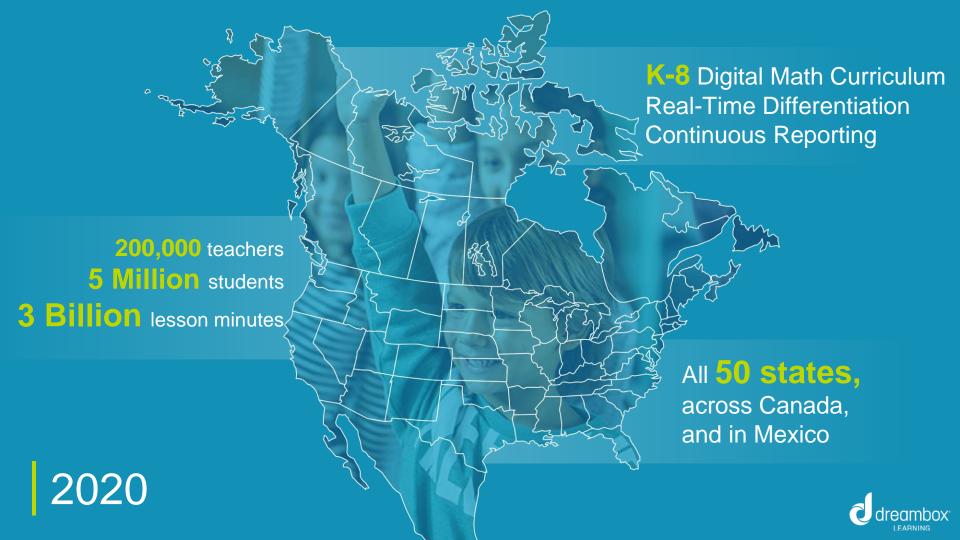
Can Personalize Learning— And Want Additional Support in Training and Professional Development

> Results of a National Survey By DreamBox Learning, PBS, and The Education Week Research Center









Nearly 60% more growth with just 1 hour each week



DreamBox is the only K-8 digital math program

- with gains validated by multiple 3rd party studies
- designated **Strong** at EvidenceForESSA.org



Independent research from:





Research validation and recognition from:













Huge Gains on Rigorous Tests. Just 1 hour per week.

Smarter Balanced (CA)

3,600 Students (32% ELL)



Renaissance STAR (GA)

7,900 Students, Fayette County



NWEA MAP (IN)

3,000 Students, SW Allen





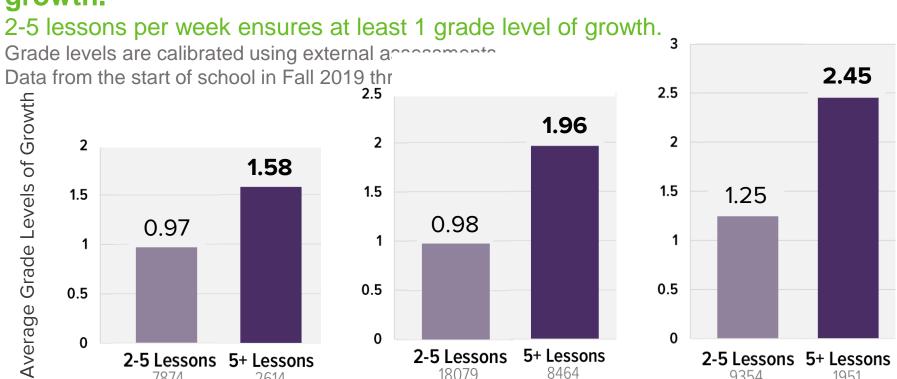




DreamBox Impact in Three Districts, SY 19-20

5 or more lessons per week results in over 1.5 grade levels of growth.

2614



DreamBox Provides Real-Time, Multi-Grade Differentiation

DreamBox Helped This Student Move from Not Proficient in Third Grade to Proficient in Fourth Grade on the Smarter Balanced Assessment





Conceptual Understanding, Critical Thinking, and Fluency







Digital K-8 Math Curriculum

Improved achievement & differentiation with just 1 hour per week





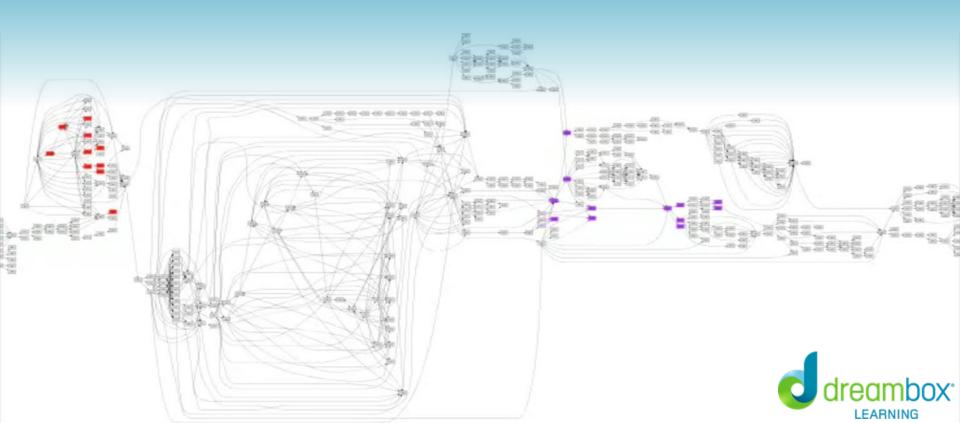


Self-Directed

Rotation, Workshop

Whole Class

Two Students in the Same Class. Millions of Self-Directed Learning Paths.



DreamBox adapts in real time based on how students think & solve problems.

Adds

by

"5"s

Then helps them learn and grow.

Adds

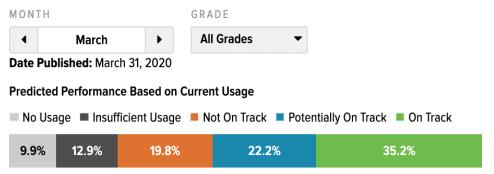
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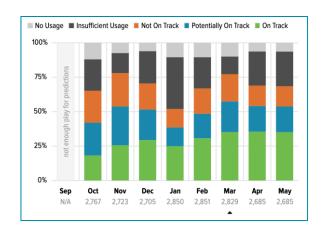
"1"s

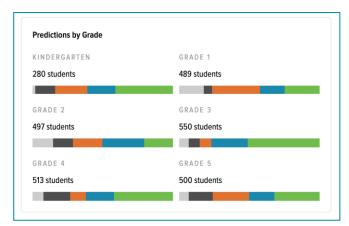


Predictive Insights

DreamBox Predictive Insights





















- Industry Leading Third-Party Efficacy
- Differentiates both Within and Between Lessons
- Adapts by Assessing both Strategies AND Answers
- The Most Transformative K-8 Digital Curriculum
- Agency & Confidence Intervention or Acceleration
- Teacher Assignments Automatically Differentiated
- Formative, Summative, and Predictive Insights
- Job-Embedded, Data Driven PD On Demand





Questions & Discussion

Upcoming GLR Learning Tuesdays Webinars:

FUNDER TO FUNDER CONVERSATION

Disaster within A Disaster: How Philanthropy Responds to Learning Loss

Tuesday, February 16, 12:30 p.m. ET/9:30 a.m. PT

PARTNER WEBINAR

Parent Power: Supporting and Equipping Parents to Lead Change

Tuesday, February 16, 3 p.m. ET/12 p.m. PT

LEARNING LOSS RECOVERY CHALLENGE

Family Engagement in the Time of Covid Tuesday, February 23, 3 p.m. ET/12 p.m. PT

Please Join Us!



