

Technology To Accelerate Learning: Tech-Enabled Solutions to Address Learning Loss

May 4, 2021



Moderator



Ipek Bakir

Associate Program Officer, Innovative Schools
Overdeck Family Foundation

[@ipekpek](#)

Co-Presenters



Michelle Brown
CEO
CommonLit
@MichelleEileen | @CommonLit



Neena Hendershott
Chief Marketing Officer
Zearn
@zearn

Co-Presenters



Claudia Miner

Co-Founder and Executive Director
Waterford UPSTART
[@DrClaudiaMiner](https://twitter.com/DrClaudiaMiner)



Karin Wu

Executive Director of Social Impact
MIND Institute, Creators of ST Math
[@KarinCWu](https://twitter.com/KarinCWu)

COMMONLIT is best known for operating CommonLit.org which has become a go-to free resource for educators.



[CommonLit.org](https://www.commonlit.org) is a free supplementary online reading program featuring thousands of lessons in English and Spanish for grades 3-12. We also operate [CommonLit Español](https://www.commonlit.org/espanol), a core staple to support Spanish immersion classrooms in the U.S. and regular ELA instruction in Latin America.



BLACK HISTORY MONTH FAVORITES

DANCING TOWARD DREAMS

Sara Matson

810L

Non-Fiction

4th Grade

AMERICA

Claude McKay

Non-Prose

Poem

9th Grade

SWEAT

Zora Neale Hurston

980L

Skill Lesson

12th Grade

MARIAN'S REVOLUTION

Phillip Bardshan-Quallin

890L

Non-Fiction

5th Grade

TRUTH

Nikki Giovanni

Non-Prose

Poem

7th Grade

INSPIRING TEXTS FOR MLK DAY

DR. MARTIN LUTHER KING JR., CHANGING AMERICA

Barbara Radner

580L

Informational Text

5th Grade

MARTIN LUTHER KING, JR.

USHistory.org

1150L

Informational Text

7th Grade

FOR KING'S ADVISER, FULFILLING THE DREAM 'CANNOT WAIT'

Michele Norris

1130L

Non-Fiction

8th Grade

I HAVE A DREAM

Dr. Martin Luther King, Jr.

1130L

Speech

9th Grade

THE MARCH

Emma L. Johnson

Non-Prose

Poem

9th Grade

We're learning about Zimbabwe in geography with Mrs. Mays.



[1] It was the first day of school, and students swarmed the hallways like a roaming mass of bookbags. Nothukula wasn't sure what to do, so she watched her new schoolmates as they slammed lockers shut, hugged each other and handed out high fives.

She turned and began to struggle with her locker combination. She didn't notice someone was beside her until she heard them speak. "Hey, I'm Ashley," said a dark-haired girl at the locker next to hers removing her backpack from her shoulders. "You new here?"



"Untitled" by Suad Kamardeen is licensed under CC0.

Yes, Nothukula wanted to say. But not just to Freedman High School, she was also new to the country. She had arrived in the summer from Zimbabwe. 1

"Can you speak English?" Ashley asked. Nothukula stared at her. It wasn't that she didn't understand English. They had spoken it at school back home, and then there were the American soap operas that she loved to watch. "Are you new?" Ashley spoke loudly and slowly, like Nothukula had trouble hearing. She was still standing there, staring at Nothukula, as if tapping the glass of a fish tank, waiting for any reaction. It made Nothukula nervous, stiffening her tongue. With each wordless second that passed, she felt more pressure to make up for the awkwardness, say the right thing to Ashley and ensure it came out perfectly. She opened her mouth, but not a single thing came out. Q1



HIDE READ ALOUD

TRANSLATE



[1] It was the first day of school, and students swarmed the hallways like a roaming mass of bookbags. Nothukula wasn't sure what to do, so she watched her new schoolmates as they slammed lockers shut, hugged each other and handed out high fives.



"Untitled" by Suad Kamardeen is licensed under CCO.

- She turned and began to struggle with her locker combination. She didn't notice someone was beside her until she heard them speak. "Hey, I'm Ashley," said a dark-haired girl at the locker next to hers removing her backpack from her shoulders. "You new here?"
- Yes, Nothukula wanted to say. But not just to Freedman High School, she was also new to the country. She had arrived in the summer from Zimbabwe. **1**
- "Can you speak English?" Ashley asked. Nothukula stared at her. It wasn't that she didn't understand English. They had spoken it at school back home, and then there were the American soap operas that she loved to watch. "Are you new?" Ashley spoke loudly and slowly, like Nothukula had trouble hearing. She was still standing there, staring at Nothukula, as if tapping the glass of a fish tank, waiting for any reaction. It made Nothukula nervous, stiffening her tongue. With each wordless second that passed, she felt more pressure to make up for the awkwardness, say the right thing to Ashley and ensure it came out perfectly. She opened her mouth, but not a single thing came out. **Q1**

- Afrikaans
- Albanian (shqip)
- Arabic (العربية)
- Bengali (বাংলা)
- Chinese (漢語)
- Czech (Čeština)
- Dutch (Nederlands)
- French (Français)
- German (Deutsch)
- Greek (ελληνικά)
- Hebrew (עברית)
- Hindi (हिन्दी)
- Hungarian (Magyar nyelv)
- Indonesian (Bahasa Indonesia)
- Italian (Italiano)
- Japanese (日本語 - 漢字)
- Korean (한국어)
- Norwegian (Norsk)
- Persian (فارسی)
- Polish (Język polski)
- Portuguese (Português)
- Romanian (Limba română)
- Russian (Русский)
- Somali (Soomaaliga)
- ✓ Spanish (Español)
- Swahili (Kiswahili)
- Swedish (Svenska)
- Tagalog (ᜏᜒᜃᜅ᜔ ᜆᜄᜎᜓᜄ᜔)
- Tamil (தமிழ்)
- Thai (ไทย)
- Turkish (Türkçe)
- Ukrainian (Українська мова)
- Urdu (اردو)
- Vietnamese (Tiếng Việt)

- (1) It was the first day of school, and students swarmed the hallways like a roaming mass of bookbags. Nothukula wasn't sure what to do, so she watched her new schoolmates as they slammed lockers shut, hugged each other and handed out high fives.

She turned and began to struggle with her locker combination. She didn't notice someone was beside her until she heard them speak. "Hey, I'm Ashley," said a dark-haired girl at the locker next to hers removing her backpack from her shoulders. "You new here?"

Yes, Nothukula wanted to say. But not just to Freedman High School, she was also new to the country. She had arrived in the summer from Zimbabwe. **1**

"Can you speak English?" Ashley asked. Nothukula stared at her. It wasn't that she didn't understand English. They had spoken it at school back home, and then there were the American soap operas that she loved to watch. "Are you new?" Ashley spoke loudly and slowly, like Nothukula had trouble hearing. She was still standing there, staring at Nothukula, as if tapping the glass of a fish tank, waiting for any reaction. It made Nothukula nervous, stiffening her tongue. With each wordless second that passed, she felt more pressure to make up for the awkwardness, say the right thing to Ashley and ensure it came out perfectly. She opened her mouth, but not a single thing came out. **01**



"Untitled" by Saad Kattardeen is licensed under CC0.

ACTIVITIES

Question 1 of 10



Which statement describes Nothukula's experience with the English language?

- A She learned to speak English in Zimbabwe, and is confident about talking to her new classmates.
- B She has limited knowledge of the English language and cannot understand her classmates.
- C She learned to speak English in Zimbabwe, but is uncertain about speaking it in America.
- D She has limited knowledge of English, but is excited about learning to speak it in America.

WHO IS KATHERINE JOHNSON?

by NASA • 2017

7th Grade

Lexile: 910



ACTIVITIES

Annotation
Tool

Guiding
Questions

Assessment
Questions

Discussion

1

2

3

4

5

6

1. PART A: Which of the following statements best describes the central idea of the text?

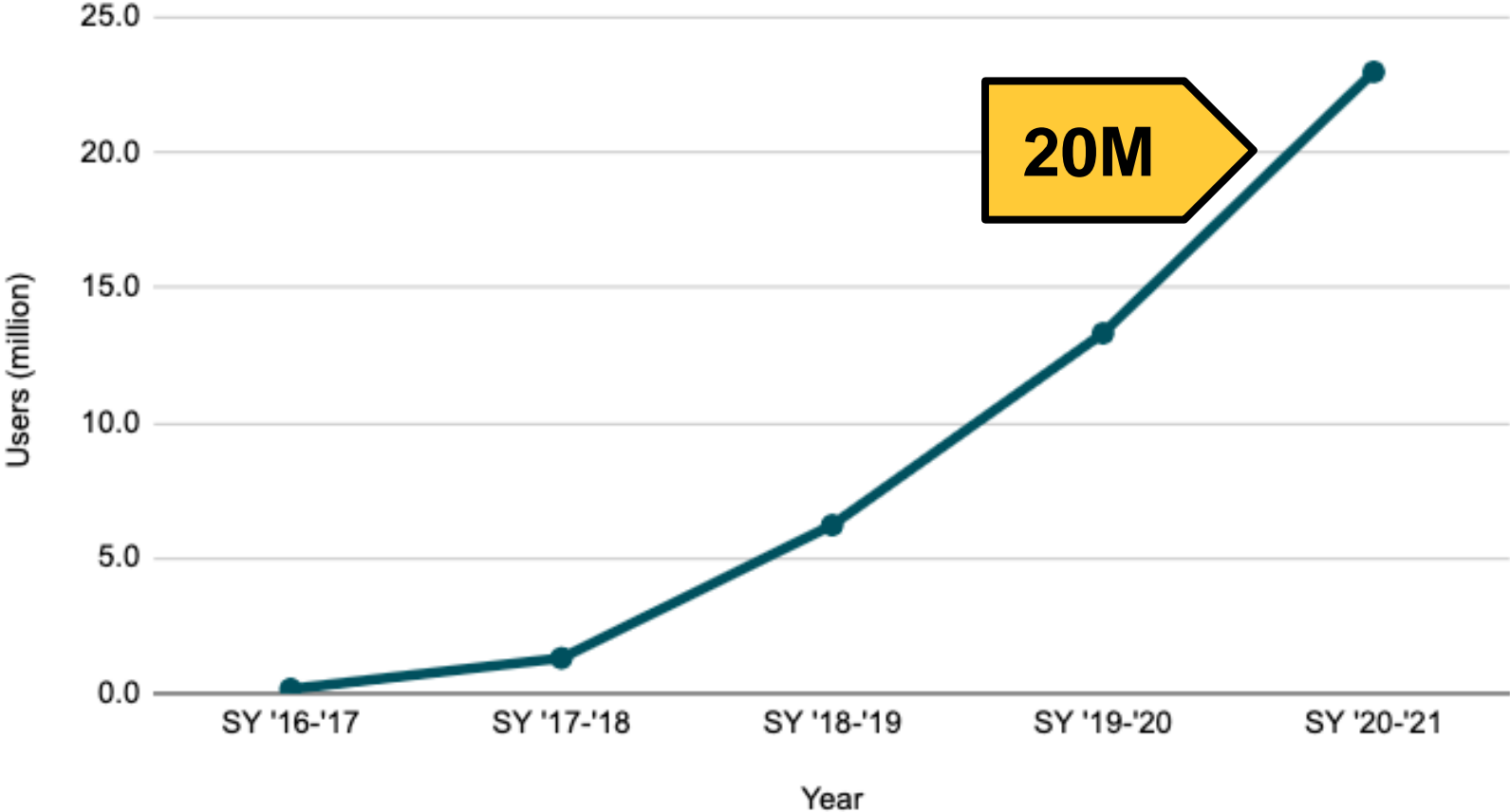
RI.2

- A. Katherine Johnson overcame racial and gender discrimination and became one of the top mathematicians at NASA.
- B. Katherine Johnson wanted to work for NASA, but her status as an African American woman prevented her from doing so.
- C. Katherine Johnson was responsible for designing the first space probe sent to the Moon.
- D. Katherine Johnson had a difficult childhood, but after beginning work at NASA, she faced less discrimination.

NEXT

Help

REGISTERED STUDENTS BY SCHOOL YEAR

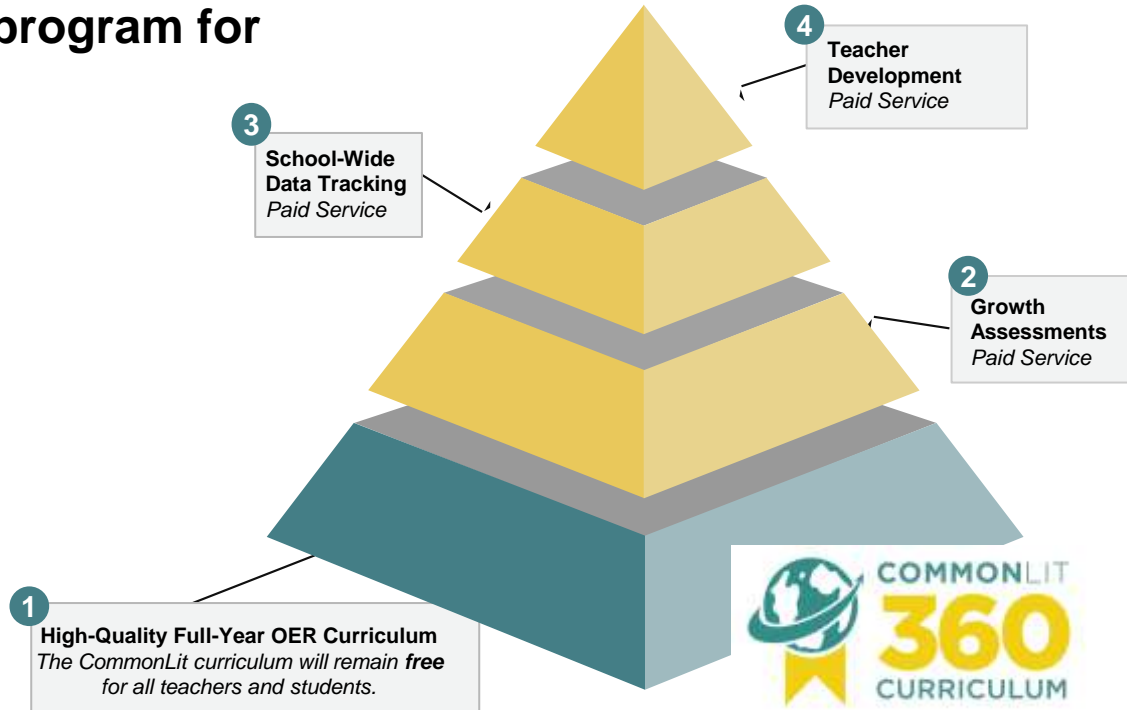


COMMONLIT 360 IS A FULL ACADEMIC PROGRAM

CommonLit has developed a full, affordable, and highly effective academic program for schools and districts to adopt.

CommonLit 360 builds school and district capacity to implement strong and sustainable reading programs through:

- 1) High-quality, aligned, openly-licensed ELA curriculum (FREE);
- 2) Aligned interim/growth assessments;
- 3) Meaningful performance data to inform differentiation and support;
- 4) Professional development to help teachers use [best practices](#) in reading and writing instruction.



What is Waterford Upstart?

- An **in-home kindergarten readiness program** that uses technology, supported by parents
- Delivers an **individualized reading, math, and science curriculum** with an emphasis on reading to preschool-aged children
- **Supports social emotional learning** through in-program modeling and offline activities
- Forms a **partnership with parents and caregivers** to ensure all children obtain the education necessary for success in school
- **Provides computers and internet** if the home does not have them
- Has served over **90,000 families in over 30 states**, with more than 60% from low-income and Spanish-speaking homes

Where Does Waterford Upstart Fit?

Waterford Upstart is NOT intended to replace any early childhood education effort or program!

Waterford Upstart seeks to improve access to early childhood education, particularly in instances where:

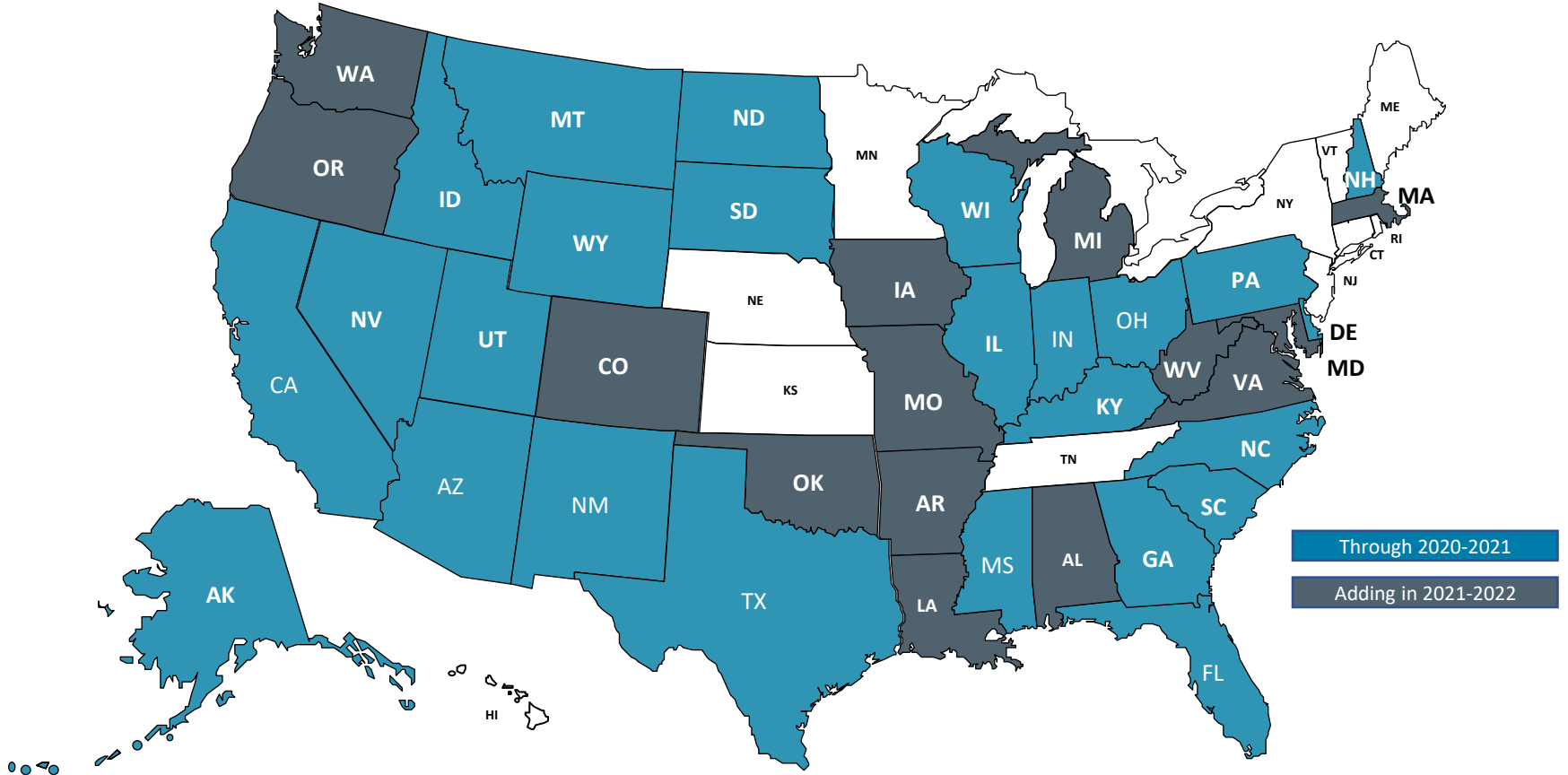
- **Access to transportation hinders access to early learning programming and services**
- **Families choose not to send children to site-based preschool** (and they are not required by law to do so)
- **Children are wait-listed for site-based programs**

Family Engagement: Proactive Contact

- Each family/caregiver is assigned a coach – Waterford Upstart is with the family every step of the way during the program
- Support provided in any language a family needs
- Frequent pro-active contact
 - Written materials
 - In-person and online training
 - Emails, texts, and push messages with offline activities
 - Motivational phone calls
- Other members of the family are encouraged to use the program
- This support system forms a partnership with parents and caregivers to ensure children get the most from the program's learning opportunities

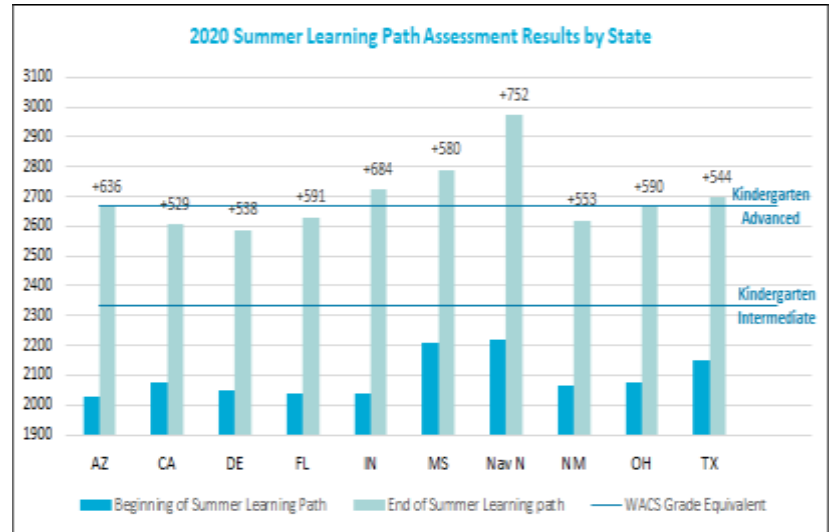


Where You'll Find Upstart Participants



Upstart Summer Learning Path Program Available for MA, MO, VA, WA, CO MD

- SLP is an abbreviated Upstart Program for three months of summer learning.
- Last summer, we served 13,500 children in 9 states and the Navajo Nation
- 77% were under 200% of poverty
- 86% achieved K-readiness on post-program assessment





Because the world needs problem solvers.





ST Math.



1.6M
Students



100K
Educators



7,000
Schools

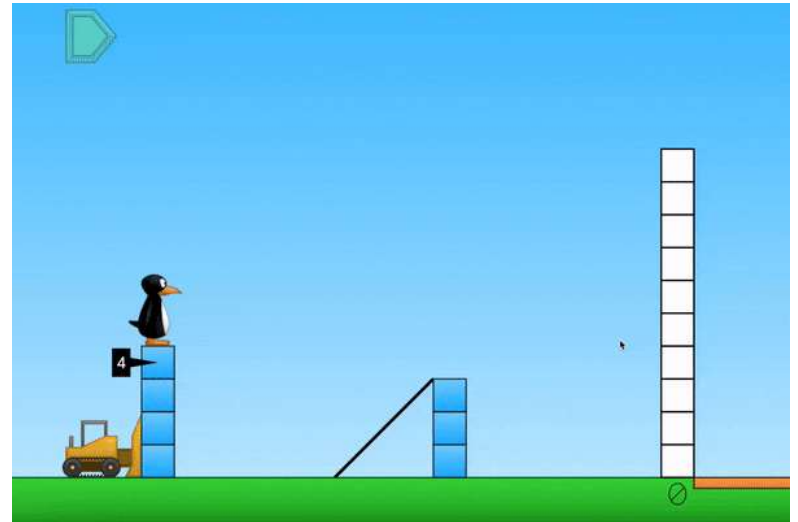


50
States



Existing Schema

Reinforce Schema
Extend Schema
Build New Schema



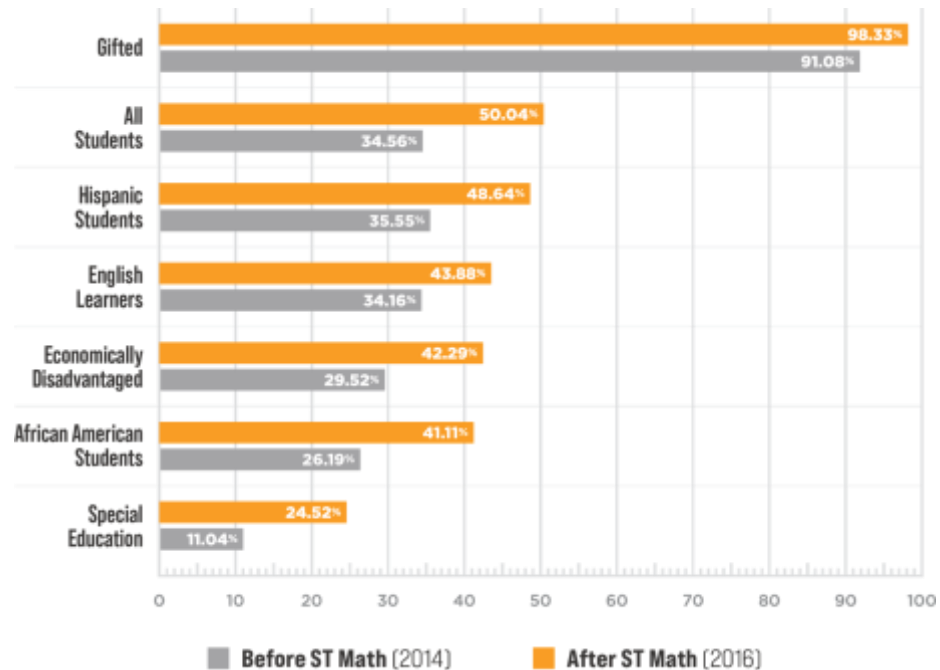


ST Math.



“Students who believe they can accomplish a task are more likely to invest time and effort in working toward this accomplishment, even in the face of difficulty.”

—Rutherford et al, Journal of Research on Technology in Education, 2019

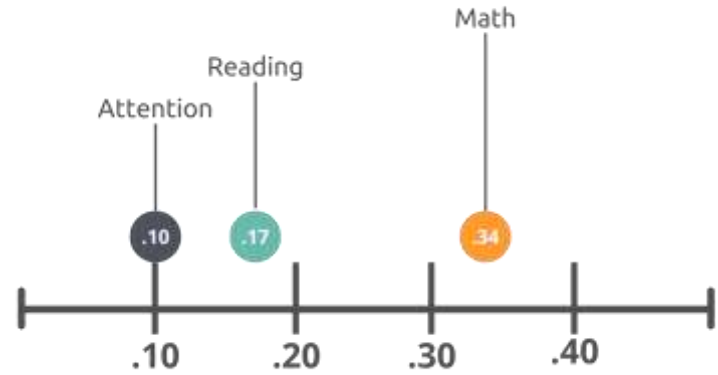


Percent of students meeting or exceeding standards in grades 3-5, 2014 vs 2016.



ST Math.

Homeschool



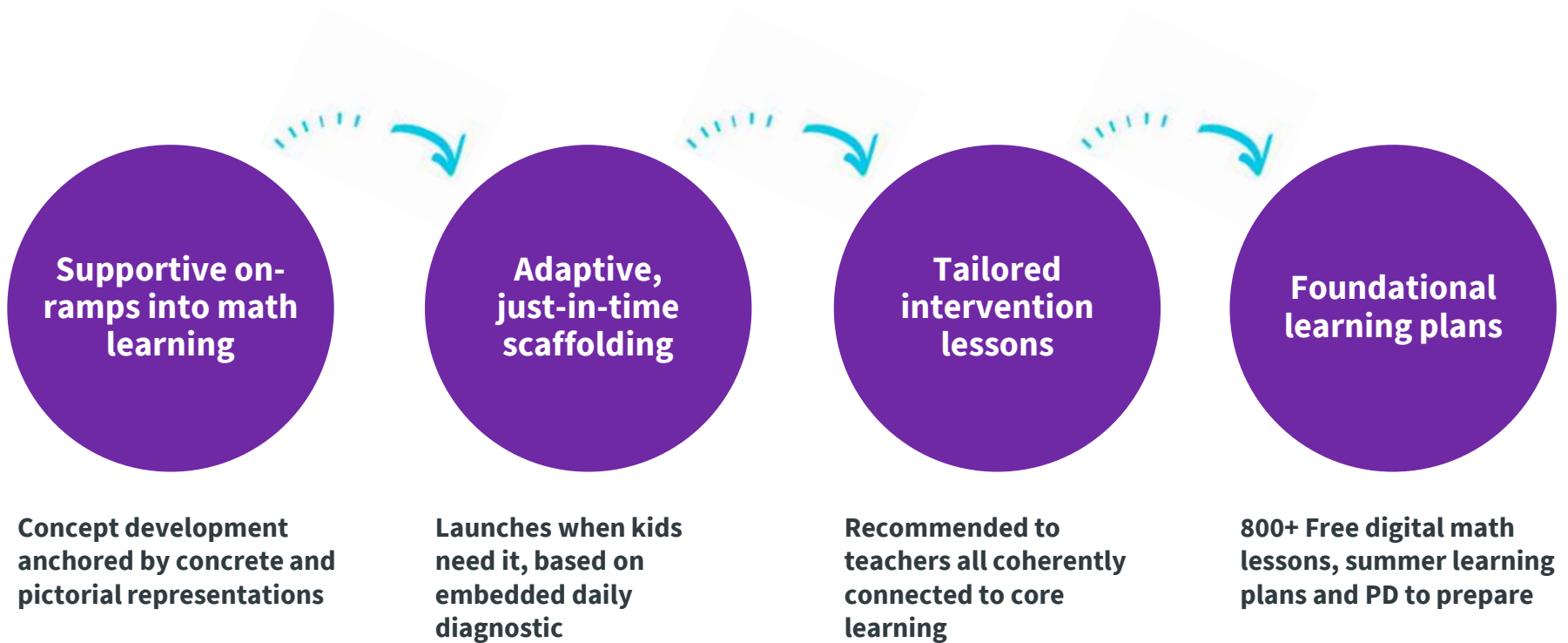
Duncan, Greg J et al. "School readiness and later achievement." *Developmental psychology* vol. 43,6 (2007)



Zearn Math is an EdReports top-rated math curriculum used by in 1 in 4 elementary students nationwide



Multiple layers of support, in one top-rated program



3 Zearn Math lessons weekly leads to learning gains equivalent to adding 140 additional instructional days



Based on 2-year efficacy study across a wide distribution of student socioeconomic levels

Questions & Answers

Upcoming GLR Learning Tuesdays Webinars:

CRUCIBLE OF PRACTICE SALON

Big Lift Inspiring Summers: Literacy, Learning and FUN!

Tuesday, May 11, 12:30 p.m. ET/9:30 a.m. PT

LEARNING LOSS RECOVERY CHALLENGE

Family Resource Centers: A Key to Supported Families & Thriving Communities

Tuesday May 11, 3 p.m. ET/12 p.m. PT

FUNDER-TO-FUNDER CONVERSATION

Chan Zuckerberg Initiative: Utilizing Learning Science to Reach Every Reader

Tuesday, May 18, 12:30 p.m. ET/9:30 a.m. PT

LEARNING LOSS RECOVERY CHALLENGE

9 Million Is Too Many: FCC Efforts to Expand Broadband Access

Tuesday May 18, 3 p.m. ET/12 p.m. PT

Please Join Us!

gradelevelreading.net @readingby3rd #GLReading #LearningTuesdays

