

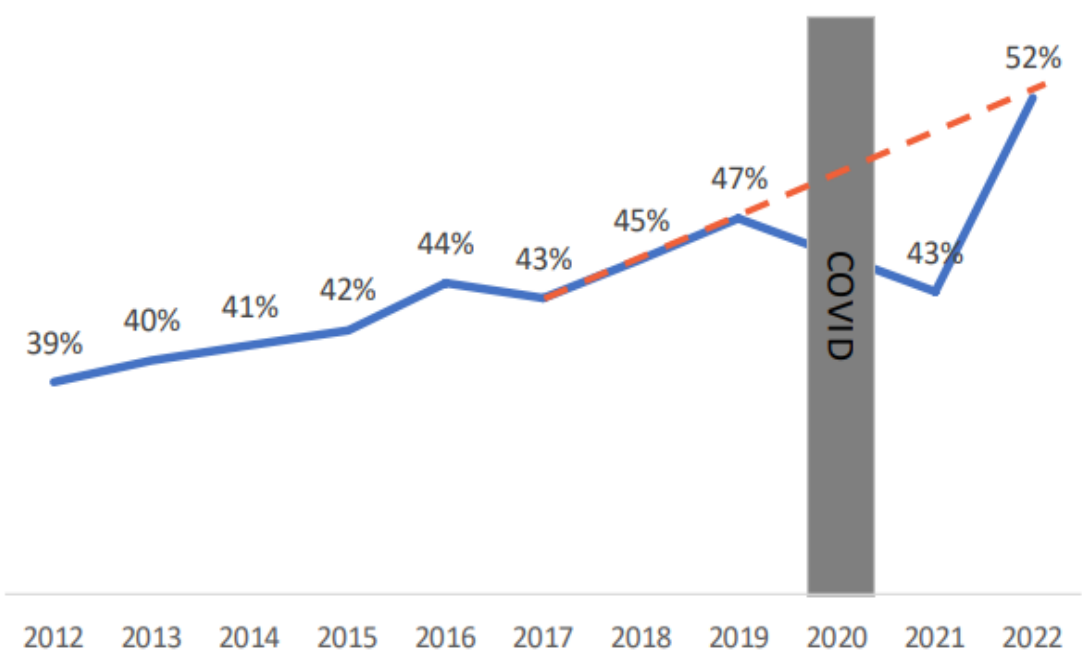


Learning Acceleration in Math

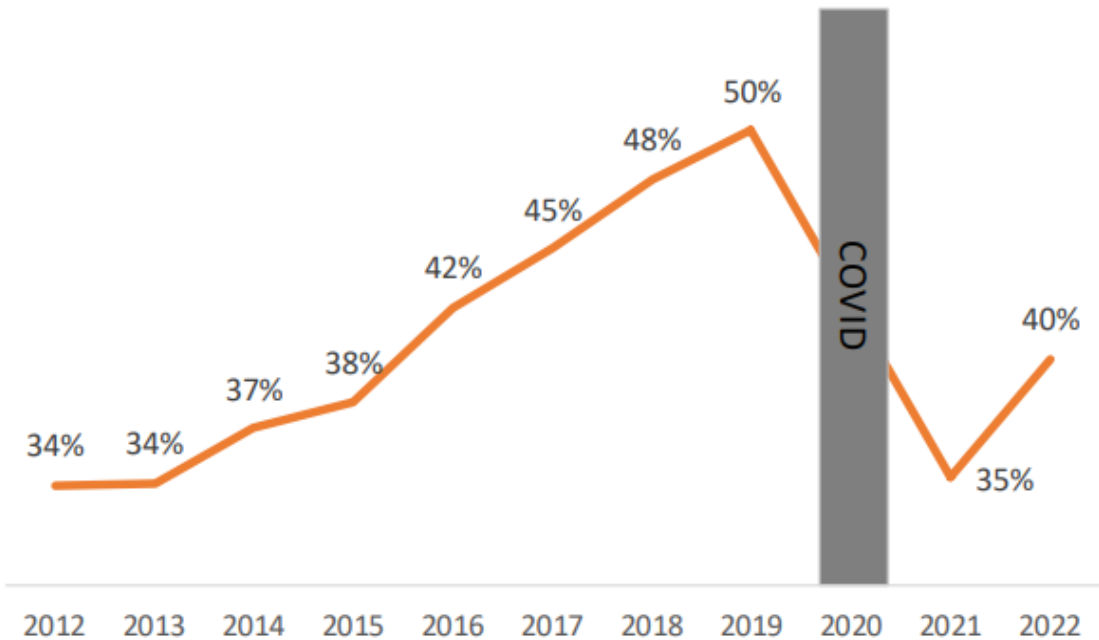
TEA Supports for Acceleration Math Achievement

Learning Acceleration is Critically Needed in Math

Percent of Students that Met Grade Level or Above in Reading Language Arts (Grades 3-8, English I & II)



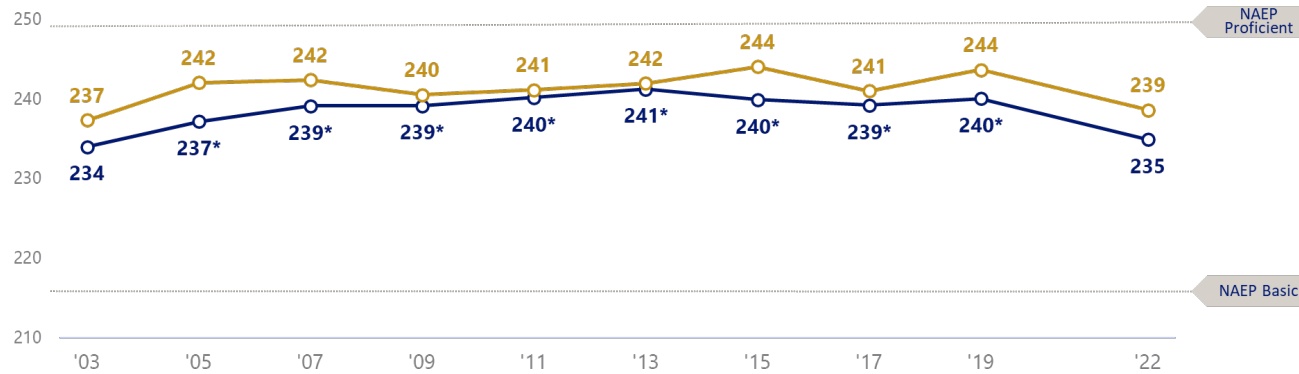
Percent of Students that Met Grade Level or Above in Math (Grades 3-8 and Algebra I)



1. Includes STAAR 3-8 Reading, English I and English II EOC Assessments 2. Includes STAAR 3-8 Mathematics, Algebra I EOC Assessment Note: Results for grades 3-5 combine assessments given in Spanish and English. Results exclude STAAR-M, STAAR-L, STAAR-A, STAAR Alternate, STAAR Alternate 2 during any years they were offered. Participation in STAAR math and reading assessments in 2021 was 86%. Spring 2021 STAAR results are for learning and recovery planning only – no SSI grade promotion requirements or ratings for districts or campuses. There is no 2020 STAAR data because of cancellation of STAAR in spring 2020. | Source: 2012-2021 Spring STAAR Data

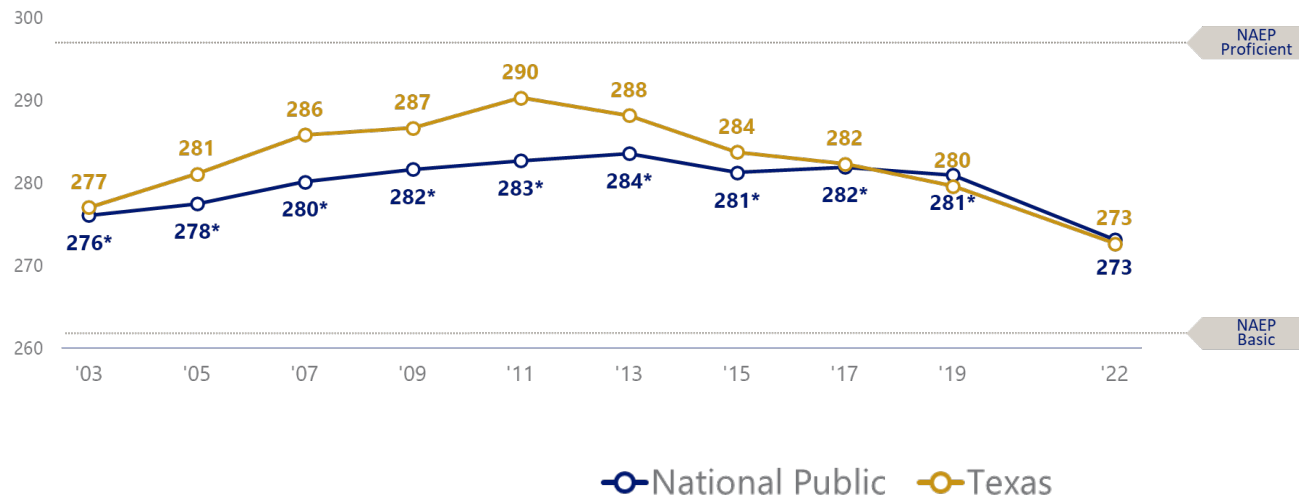
US & TX NAEP Scores Saw Steep Declines in Math Proficiency

4th Grade Math



-5
points

8th Grade Math



-7
points



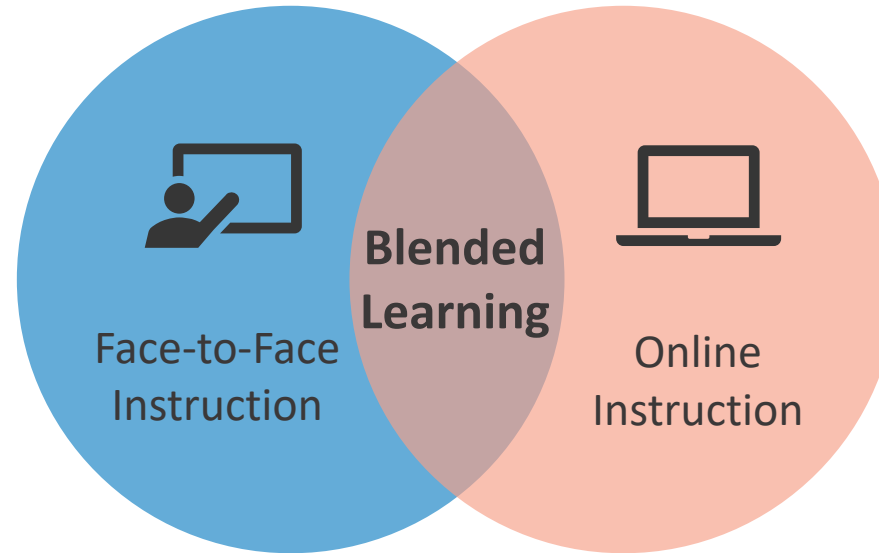
Blended Learning Can Accelerate Student Learning

Blended learning combines the benefits of **online learning with face-to-face teacher instruction** to help teachers effectively supplement Tier I instruction and accelerate student learning.



Face-to-Face Instruction:

- ✓ **Human flexibility and judgment** with critical instructional decisions
- ✓ **Love** from a real teacher and face-to-face **encouragement**
- ✓ **Emotional support** and direction

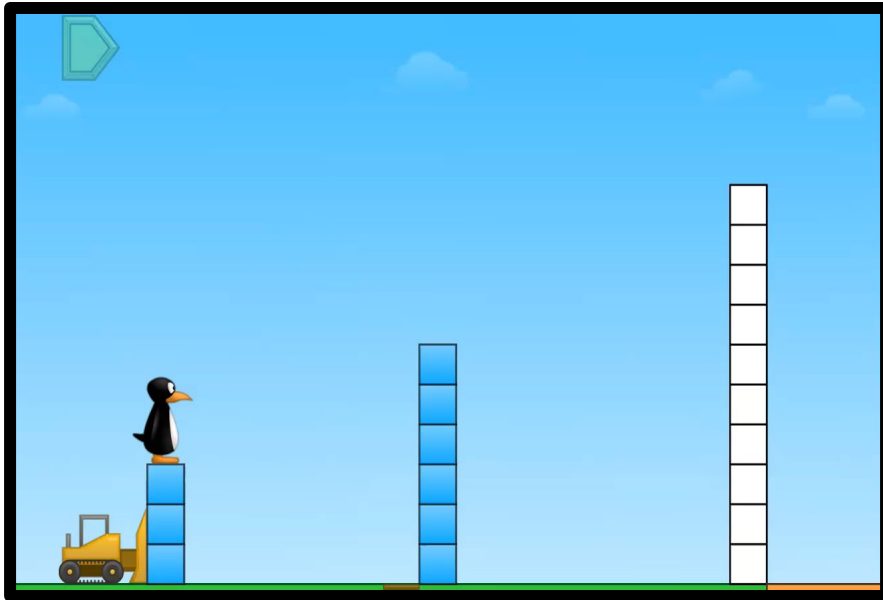


Online Instruction:

- ✓ Quick **diagnosis** of TEKS Mastery for all students
- ✓ Automatic **differentiation** in supplemental content for students
- ✓ **Adaptive adjustments** in student-facing content based on student understanding

Two Tools w/ Results in Accelerating Student Learning in Math

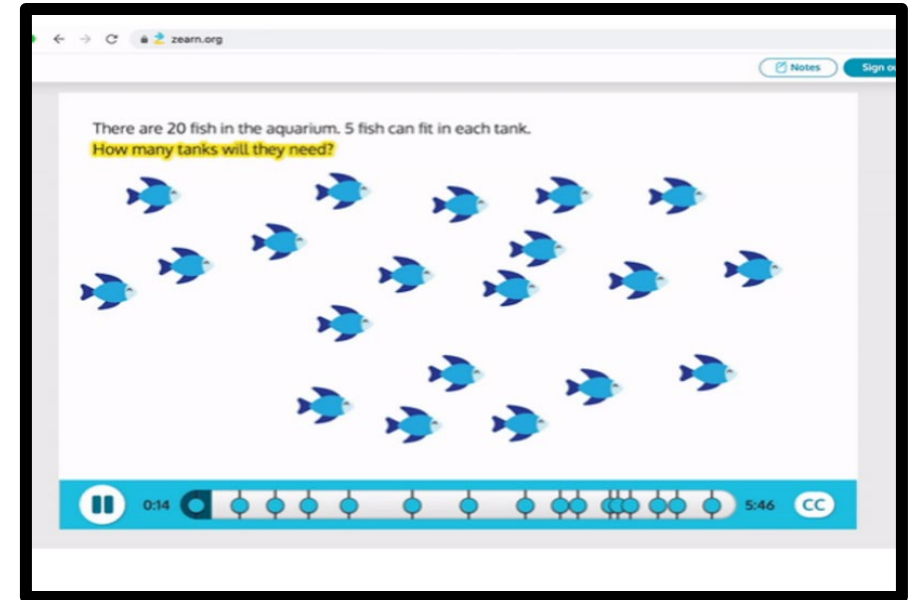
ST Math



ST Math

Differentiated access to learning through **challenging puzzles**, non-routine **problem solving**, and informative **feedback**.

ZEARN



Zearn

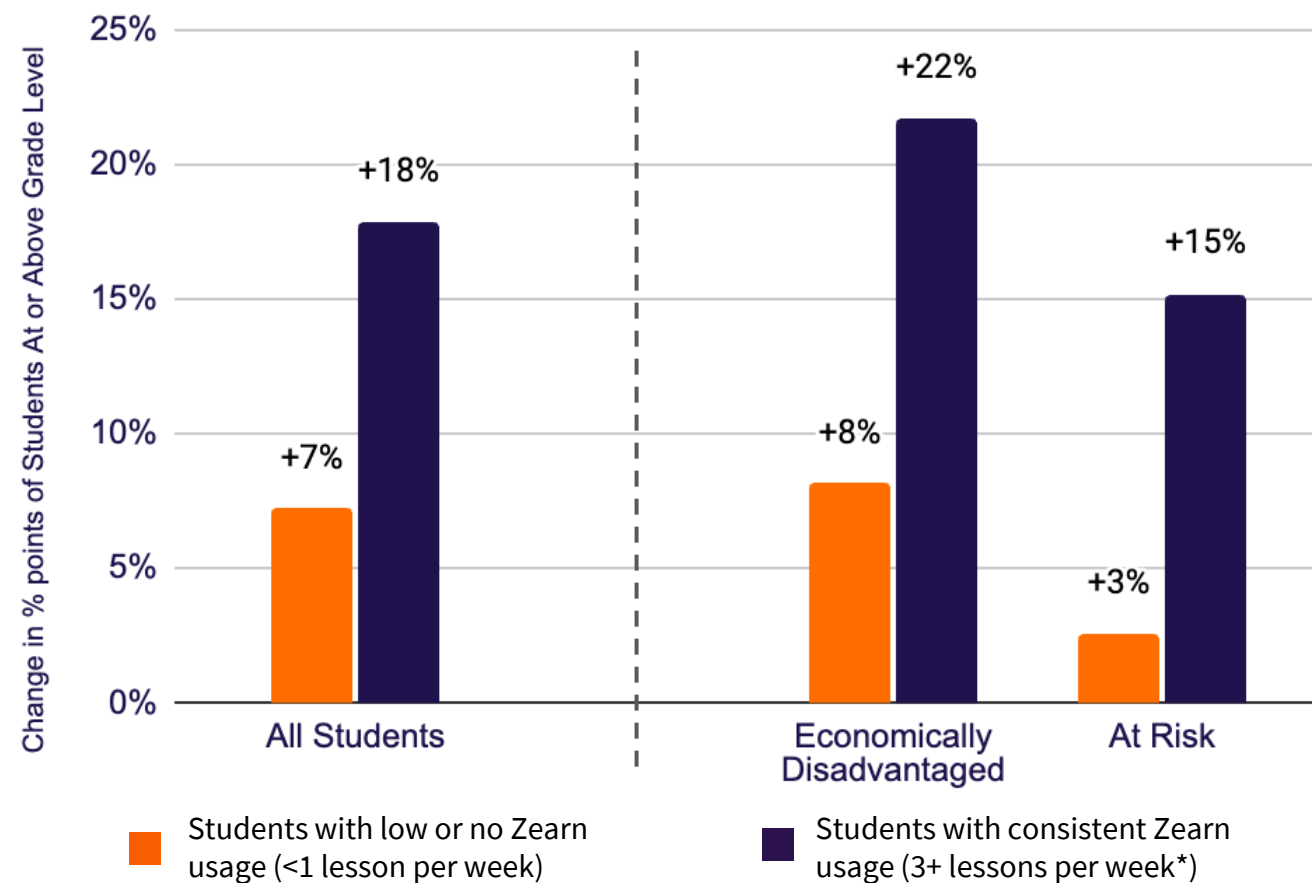
Students **explore math concepts** with on-screen teachers, **interactive models**, and built-in Tier 1 **intervention**.

High Fidelity Blended Learning Delivers Results - Zearn

Based on a **half-year of usage**, students meeting usage requirements for Zearn showed **greater rates of Meeting and Mastering Grade Level** on the STAAR between Spring 2021 and Spring 2022 than similar students who did not meet usage requirements.



Fidelity of Implementation – **students having time and structures to meet usage recommendations** - is critical to impact on student outcomes



Notes: *3 lessons/week typically equates to about 90 lessons/year; This analysis compares high fidelity Zearn users with a matched group of similar students

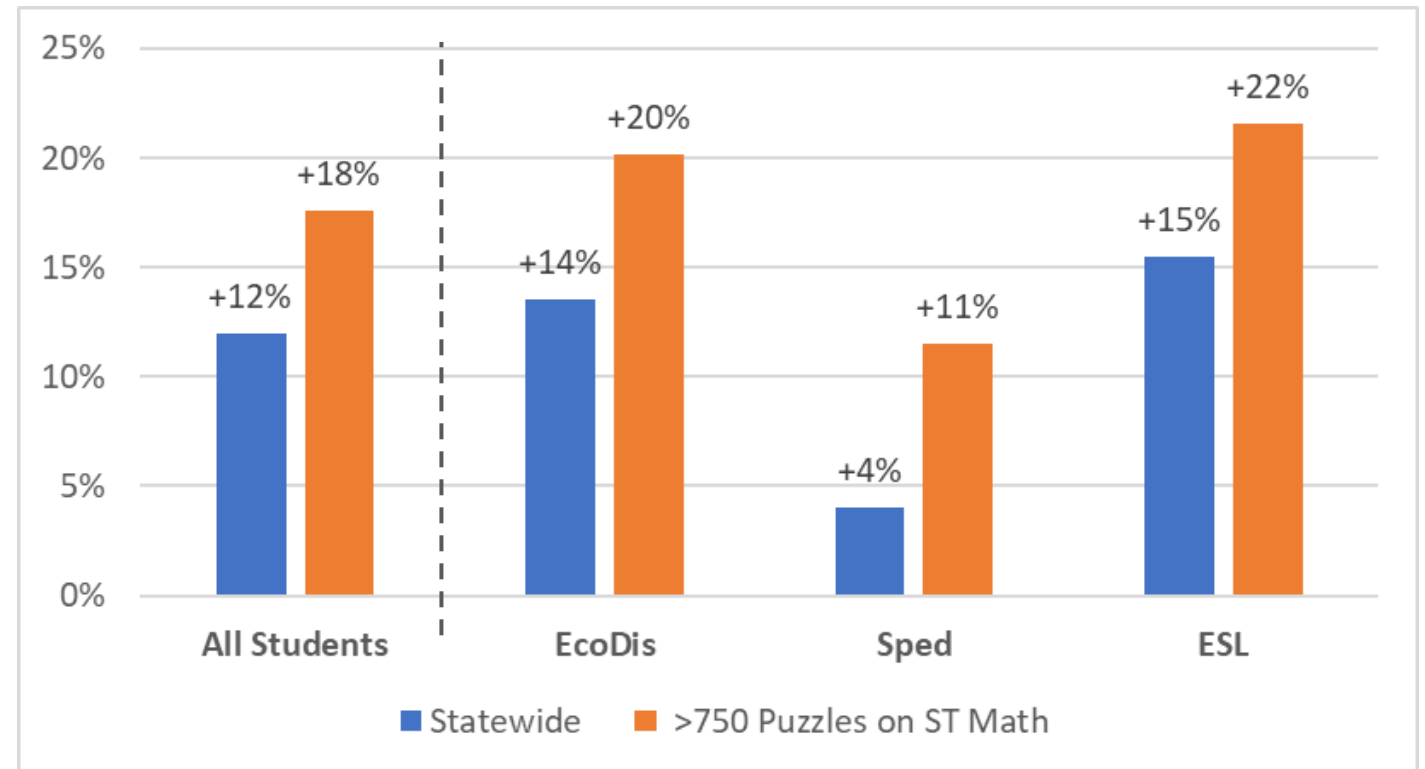
High Fidelity Blended Learning Delivers Results – ST Math

4th and 5th grade students meeting minimum usage requirements on ST Math showed **greater improvement in meeting or mastering grade level** on STAAR between Spring 2021 and Spring 2022 than statewide improvement.

ST Math

Fidelity of Implementation – **students having time and structures to meet usage recommendations** - is critical to impact on student outcomes

Change in % points of Students At or Above Grade Level



Two Forms of Support Are Available from TEA to Help Improve Math Acceleration & Proficiency for Your Students

Option 1

Supplemental Accelerated Instruction Blended Learning Tools

- Online learning tools, used to supplement tier 1 instruction
- Typically meets HB 4545 requirements
- Proven results when students meet usage standards

Option 2

Integrated Tier 1 & 2 Blended Learning Systems

- Online learning tools, used in tight alignment with tier 1 lessons
- Typically meets HB 4545 requirements
- Proven results when students meet usage standards
- Implementation supports provided to help meet usage standards

Option 1: Supplemental Accelerated Instruction Blended Learning Tools

ST Math and Zearn, when minimum usage requirements are met, have led to a significant gains on STAAR assessments. These products are **available to interested districts at no charge**.

ST Math

Statewide License Available
through December 2023

To access: Signup at
stmath.com/Texas

ZEARN

Licenses Available through
September 2024

To access: Send email indicating interest
to TexasTutoring@tea.texas.gov

Note: Licenses allocated on first-come, first-served basis with waitlist option for 23-24 school year

Option 2: Integrated Tier 1 & 2 Blended Learning Systems

Blended Learning Grants (including **Math Innovation Zones**) Support High Fidelity Models Aligned with Tier 1 Instruction and are available to LEAs through the **Learning Acceleration Support Opportunities (LASO)**



Online Curriculum Implementation: funding to contract with online curriculum vendors for technical assistance and training



Design & Implementation Support: funding to support the implementation of a blended learning model aligned with quality Tier 1 instruction



Blended Learning Licenses and Aligned Supports: funding for licenses to approved products and professional development supports

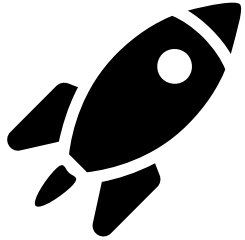


Personnel: funding for additional personnel to support blended learning (e.g., BL Project Manager)



Additional Implementation Supports: funding for additional expenses related to planning and implementing high quality blended learning

LASO Application Now Open | Nov 7th - Dec 22nd

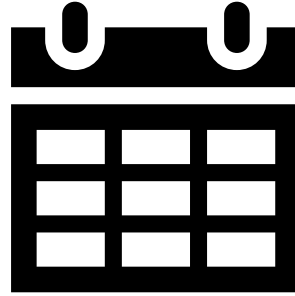


The application is now open

November 7, 2022- December 22, 2022

We recognize that this window runs up against the winter break in some cases. Our intent here is to provide as much time and a longer runway to application completion as possible.

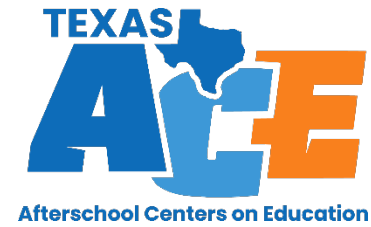
We intend to work with LEAs alongside ESCs to provide the supports needed to be set up for success to apply and complete the application



Next Steps | If your LEA is interested in LASO grant offerings, the LASO grant application is now open! The application opened on November 7th and will close on December 22nd. Please visit the [LASO website](#) for more details and consider applying if the grants meet the LEAs needs.

Key Dates	Description
October 17 th 9-10am October 18 th 12-1pm	General webinar Already conducted. Find the recording and the deck on the LASO Website
November 14 th - November 18th	Program Specific Webinar Content deck and recordings will be posted on the LASO Website on 11/18/22
Resource	Description
LASO grant Overview	Provides information on the program description, commitments, funding, and implantation dates. Links on the LASO Website

An Additional Option: 21st Century Community Learning Centers Grant Open Now Through January 23rd



High Level Program Description

The federal Nita M. Lowey **21st CCLC** program supports the creation and expansion of community learning centers that provide **afterschool and summer academic and enrichment opportunities** particularly for students who attend high-poverty and low-performing schools

Key Program Commitments to Consider

- **Targeted Academic Support** with HQIM, High Impact Tutoring, and school-day alignment
- **Student Interest-Based Enrichment**
- **Family Engagement in Learning**

Eligibility and Funding Estimates

LEAs, ESCs, CBOs, and other organizations applying to serve up to 10 Title 1 campuses.

- Approximately **40 grants** totaling up to \$56.5 million
- Awards are expected to range from **\$250,000 to \$2,000,000 each year** of the five-year project period.
- Annual budget periods starting **August 1, 2023 through July 31, 2028**.

Key Dates

- **Today: November 17, 2022: TAA Letter**
- November 29, 2022 @ 1pm CT: Informational Webinar
- December 13, 2022: FAQ Posted to TEA Grant Opportunities
- January 23, 2023 by 11:59pm CT: Application Due



Learning Acceleration Support Opportunities