

Beyond the Pandemic: Online and Blended Learning Recovery Solutions for K-12 Students

As school districts struggle with teacher shortages and learning loss, remote instructional services and high-dosage tutoring are innovative – and proven – solutions that districts across the country can implement to create modern, accessible learning experiences that improve student outcomes.



The Impact of Teacher Shortages on Education

Teacher shortages have become a significant challenge for school districts nationwide. According to the National Center for Education Statistics (NCED), 18% of public schools had one teaching vacancy, and 27% had multiple vacancies in 2022.

U.S. schools are also facing the largest decline in learning in two decades among their students, according to the National Assessment of Education Progress, due to the pandemic.

On average, students in grades 3-8 attending public schools in the United States experienced a loss of learning in the following:

- 6 months of math
- 3 months of reading

Remote Instructional Services as a Solution

Remote instructional services can help bridge the gaps in staffing and learning for school districts of any size, allowing students to access quality education even when there are vacancies in their schools. And the benefits can be vast, such as:

- Alleviate staffing challenges and prevent teacher burnout
- Co-teach models that target learning loss
- Teach new courses not currently offered
- Provide individualized learning
- Minimize achievement gaps
- Create a positive learning culture

These services can also offer a way to mitigate future learning disruptions, enhance student-teacher bonding, and provide continuous academic support.

Did You Know?

A teacher shortage can contribute to learning loss in a variety of ways, such as:

- Learning disruptions
- Limited bonds with teachers
- Poor student outcomes
- Low achievement
- Reduced learning opportunities
- Increased marginalization



Closing Achievement Gaps with Virtual Tutoring

In addition to providing remote instruction to overcome pandemic learning loss, research by the Annenberg Institute at Brown University has shown that high-dosage tutoring can lead to significant learning for many students – including those who have fallen behind.

That same study revealed that with ordinary instruction, it could take elementary school students up to three years and middle school students up to five years to recover and get back on track from the pandemic’s impact on learning loss.

Fast Facts on High-Dosage Tutoring

High-dosage tutoring is a proven, evidence-based method to quickly recover lost learning with a target focus on the student’s specific learning style and needs.

Here’s a breakdown on what high-dosage tutoring is – as well as how it can support students:

- ✓ Accessible to all, with priority given to lower-performing students
- ✓ Intensive 1-to-1 or small-group sessions
- ✓ Provided by a state-certified, qualified teacher
- ✓ Ideally consists of 30-to-60 minute sessions, three times per week
- ✓ Individualized to reinforce what students are learning in the classroom
- ✓ Responsive to student needs

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“Teachers know best what their students need, so having a tutoring program that allows teachers to assign tutoring to specific students – and to communicate to the tutors what should be covered in those sessions – enables instruction that’s aligned to what students are learning in the classroom.”

Jennifer Moore, General Manager
Stride Tutoring



The Results: Enhanced Recovery through Remote Instruction and Tutoring

Stride Learning Solution's remote instruction was implemented in Baltimore City Public Schools (BCPS) to address critical teacher shortages. Here's a snapshot of the results:

- 46 certified remote teachers deployed
- 3,300+ students served with remote instruction

A survey of those students demonstrates how effective our remote learning solution was:

- 95% felt respected and challenged
- 94% found their remote teacher to be knowledgeable
- 82% felt appreciated for their in-class facilitator and remote teacher
- 80% overall student satisfaction

An Evidence-Based Approach to Tutoring for School Districts

In 2020, a meta-analysis of 96 tutoring students by the Poverty Action Lab concluded that high-dosage tutoring can help students make up three-to-fifteen months of lost learning – which makes it an ideal option for school districts to help their students rapidly recover lost learning. Stride Tutoring – which is credentialed as ESSA Level IV evidence-based – has impacted students and school districts across the U.S. with this proven approach.

“Not all tutoring programs are created equal, though,” Moore said. “Small group sizes are key – no more than about four students per tutor. And the quality of those tutors is paramount.”

About Stride Learning Solutions

Since 2000, Stride Learning Solutions has been a leader in strategic solutions to solve school district challenges. Stride Learning Solutions' flexible online and blended learning options boost modern instruction and promote lifelong student success. With state-certified remote teachers, high-dosage tutoring, custom online schools, an innovative platform, comprehensive digital courseware, adaptable technology, and extensive support, Stride Learning Solutions is equipped to help your school district empower a brighter future for learners.

To learn more, visit StrideLS.com.