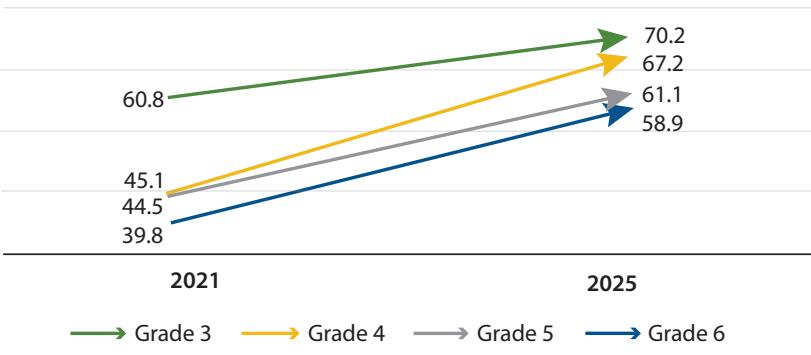




Personalized Math Instruction Drives Growth at North Penn

Inside a Pennsylvania District's Multiyear *i-Ready Classroom Mathematics* Initiative Powered by Robust Coaching, Clear Data, and Strong Curriculum Alignment

Percentage of North Penn SD Students Scoring Proficient and Above in Mathematics on the PSSA



North Penn SD students in Grades 3–6 achieved sustained year-over-year mathematics growth on the Pennsylvania System of School Assessment (PSSA). Grade 4 proficiency rose more than 22 points from 2021 to 2025, outpacing the state's 15-point gain during that same time frame. Grade 6 grew 19 points, nearly 10 points higher than the statewide average.

The Need for a New Curriculum

In 2019, North Penn SD began a search for a new, rigorous mathematics curriculum. District leaders sought a solution that would do more than teach algorithms; it would nurture true mathematical thinkers.

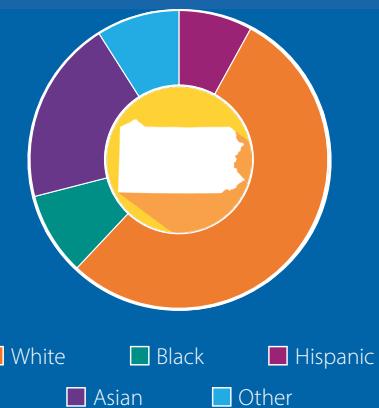
"We wanted personalized learning, something engaging, and a pathway for all learners—neurodiverse, multilingual, transient," said Sean Arney, supervisor of elementary math and science. "*i-Ready Classroom Mathematics* checked all those boxes."

After choosing to implement *i-Ready Classroom Mathematics* with a comprehensive framework of professional learning to support the program's fidelity of use, the district realized measurable results. **Proficiency in Grades 3–6 students increased**, with the percentage of Grade 4 students scoring proficient or above on the PSSA jumping more than 22 points from 2021 to 2025.

¹Source

North Penn School District (SD)
Lansdale, Pennsylvania

12,912 Grades Pre-K–12
Students¹



35%
Students with
Socioeconomic
Disadvantages

"i-Ready Classroom Mathematics combined everything we wanted: strong foundational skills, productive struggle, and coherence. When you follow the program with fidelity and take advantage of the professional learning and collaboration with experts—how can your kids not grow?"

—Sean Arney, Supervisor of Elementary Math and Science

A Curriculum Rooted in Research

The district's decision to implement the [evidence-based curriculum](#) was grounded in a deep commitment to research and professional learning. Arney noted:

"What stood out were the relationships and evidence. You look at the research and whitepapers Curriculum Associates puts out, and their level of professional support—it made our decision a no-brainer."

Transforming Teaching and Instruction

The transition moved teaching toward a model that prioritized student ownership, productive struggle, and personalized learning.

"Teacher mindsets started shifting," Arney said. "When you start seeing kids grow and your scores get better, you get more confident and excited."

Students responded positively to the program's engaging features, especially hands-on learning opportunities. The district also redirected its focus from Time-on-Task to Percent of Lessons Passed in the online Personalized Instruction component of *i-Ready*, incentivizing progress and celebrating growth.

Professional Learning That Strengthens Tier 1

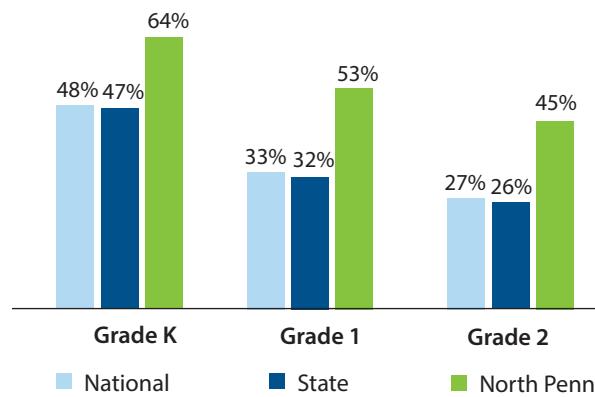
Professional learning was also a priority and district leaders ensured it was customized from the start. North Penn partnered with Curriculum Associates to design a blended model of virtual and in-person sessions, walkthroughs, and coaching.

"The *i-Ready* Professional Learning team walks with you, elbow to elbow," Arney said. "It's not a one-size-fits-all approach. It's very custom."

To ensure every student received high-quality math instruction, the district invested in a robust coaching model, with coaches working closely with teachers and offering personalized support based on teacher survey feedback.

Through data analysis, planning, and close support, the coaching model helped tighten Tier 1 instruction. "You can't use Tier 2 to solve a Tier 1 problem," Arney said. "Every student should be in Tier 1 with a little bit of support."

Percentage of Students Scoring Mid or Above Grade Level on the *i-Ready Diagnostic* (Spring 2025)



North Penn SD students in Grades K–2 significantly outperformed both state and national averages of students scoring Mid or Above Grade Level on the *i-Ready Diagnostic* in spring 2025.

"You Just Want to Keep Going"

Now in year five of their initial six-year adoption, North Penn SD isn't considering other curriculum providers. "It's an easy relationship. We know it works," Arney said.

"Once you see the proof, you just want to keep going. We're excited to keep growing the capacity of our coaches and teachers, we're proud of the data, and we're ready to push it even further."



Explore the [i-Ready Classroom Mathematics Research Base](#)