

The Science of Reading

Translating Data to District Success

Science of reading-based instruction is effective—and we can prove it. See how evidence-based instruction addressed widening opportunity gaps and drove students in one district.

Five Pillars of Reading Instruction

Instruction covering these five skills leads to successful student outcomes.



Phonemic Awareness



Phonics



Fluency



Vocabulary



Comprehension

Spotlight: Mooresville Graded School District

District Demographics

8 Schools

5,791 Students

358 Teachers

716 Staff Members



Student Performance Improvements

Between 2020–2021 and 2022–2023 School Years

3.7%

Growth out of the “Nonproficient” reader category

1.4%

Growth into level 3

1.5%

Growth into level 4

0.9%

Growth into level 5



2022–2023 End-of-Year Amplify Testing Data

All at above state level in

7 Out of 10

assessed foundational literacy skills

Highest in SW Region in Two Areas

Subgroups

At or Above State Levels

in all assessed foundational literacy skills

Statewide Growth

- Data shows elementary school students improved their reading skills from the beginning-to middle-of-year reading assessment for the 2023–2024 school year.
- Since all k–5 literacy educators have been trained in the science of reading, there have been steady improvements in elementary students’ reading proficiency
- North Carolina kindergarten through third grade students again outpaces their peers on a national level



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Through the LETRS professional development, our teachers have gained a deeper understanding of the science of reading and the strategies to address the foundational components of literacy. LETRS has emphasized practical application, which in turn has encouraged our teachers to apply their learning directly to their classroom.

–Director of Elementary Instruction Jemma Conley, Mooresville Graded School District