



Evaluation Report: 2023–2025

Accelerating Foundational Literacy and Numeracy Globally

This report details the cumulative three-year impact of TeachUNITED’s teacher-training model on student learning outcomes across partner schools in Latin America and Africa. The rigorous statistical analysis shows that by coaching educators to use data-driven instructional strategies, **TeachUNITED has significantly accelerated student progress in both foundational literacy and mathematics** compared to control schools. These gains were especially strong among girls.

Methodology: How We Measure Growth

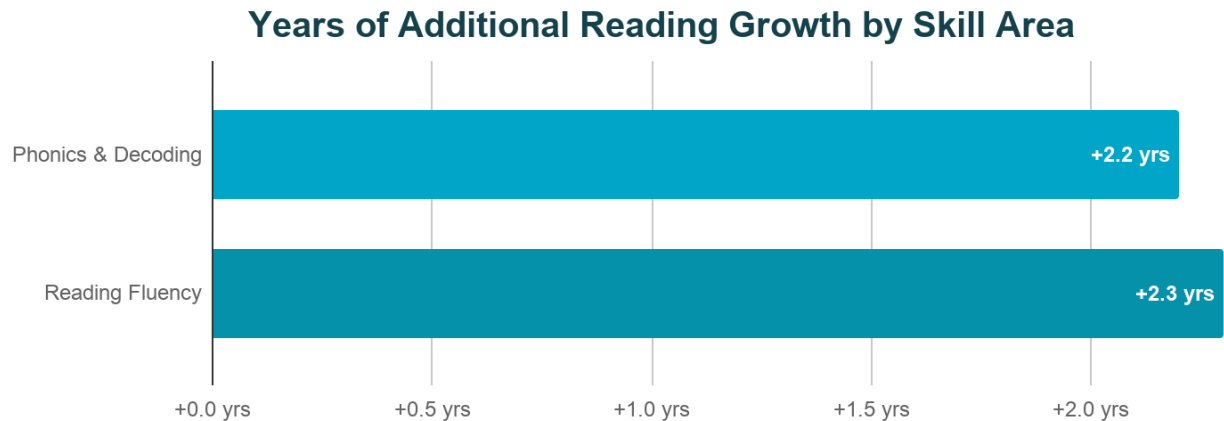
Data were collected from participating TeachUNITED schools in 2023-2025 during Year 1 Implementations in Latin America and Africa. To ensure data integrity, this evaluation analyzed three consecutive years of student performance data using two standardized tools: the Early Grades Reading Assessment (EGRA) and the International Common Assessment of Numeracy (ICAN).

- Baseline Adjustments: Analysis of Covariance (ANCOVA) was applied to control for students' starting skill levels, ensuring comparison metrics focus strictly on growth over time.
- Quantifying Years of Growth: In educational research, a *Cohen’s d* effect size of 0.21 is standardly benchmarked as equivalent to one full academic year of typical learning growth. All multi-year growth claims in this report are translated directly from these verified effect sizes.

Key Outcomes

Assessment	Student Metric	Additional Learning Growth versus Control Schools	Statistical Significance
EGRA Reading	Overall Reading Fluency (Words/Min)	+2.3 additional years of learning	Highly Significant ($p = 0.0004$, $d = 0.48$)
ICAN Math	Total Math Performance	+3.6 additional years of learning	Highly Significant ($p < 0.0001$, $d = 0.76$)

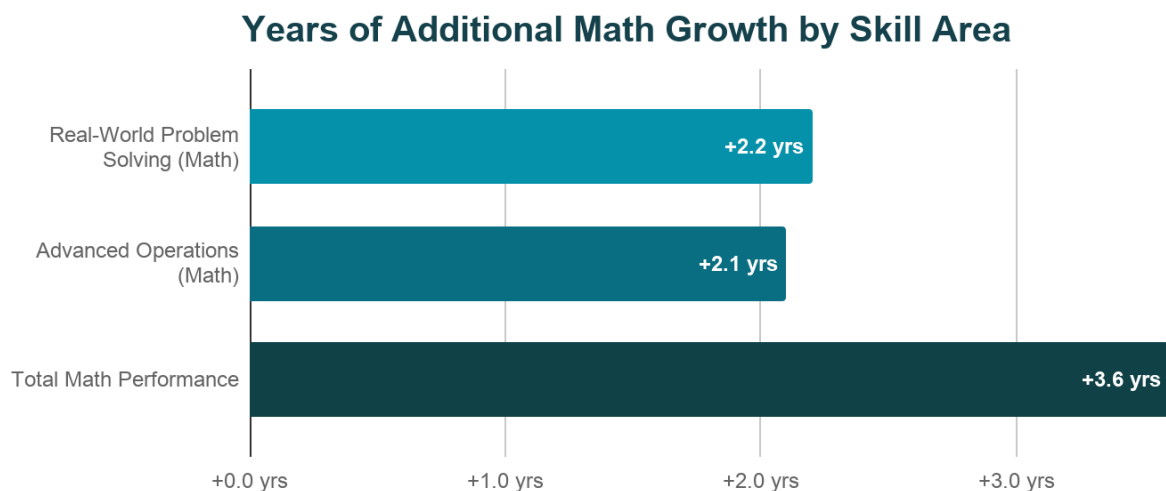
Reading Outcomes



Students in schools with TeachUNITED-trained teachers demonstrated robust, compounding growth across all foundational literacy components.

- **Fluency Acceleration:** On the primary "Reading 1 per minute" metric, which measures reading fluency, TeachUNITED students achieved **2.3 additional years** of typical learning growth, compared to control schools ($p = 0.0004$, $d = 0.48$).
- **Phonics and Decoding:** TeachUNITED students secured a **2.2-year advantage** in decoding via the "Nonwords per minute" task ($p = 0.0007$, $d = 0.46$) compared to control schools, indicating they are gaining the tools to tackle texts independently.

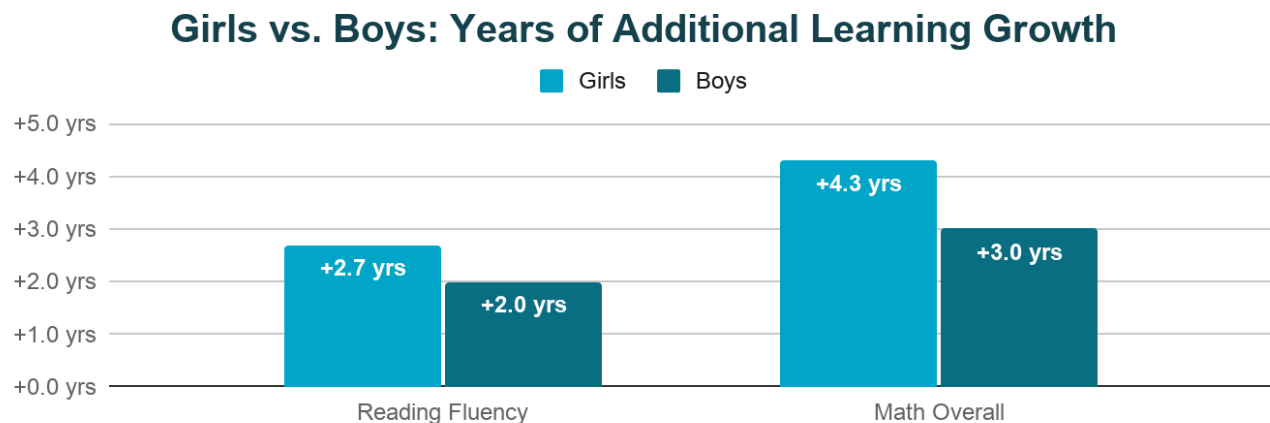
Mathematics Outcomes



The numeracy data reveals an exceptional return on instructional investment, providing solid evidence that students are successfully unlocking complex mathematical capabilities.

- **Total Math Growth:** On the cumulative metric, TeachUNITED students achieved **3.6 additional years** of learning growth. In practical terms, these students are gaining more than three and a half years beyond “schooling as typical.”
- **Advanced Problem Solving:** Beyond basic rote math, TeachUNITED students built strong multi-step and real-world problem-solving skills. Classrooms captured **2.1 extra years** of growth in advanced operations ($p = 0.0013$, $d = 0.45$) and **2.2 extra years** in solving real-world problems ($p = 0.0011$, $d = 0.46$).

Spotlight: Accelerating Girls’ Learning



One of the clearest results of this multi-year study is how much TeachUNITED- trained educators accelerate learning for girls. Across reading and math, girls in TeachUNITED classrooms significantly outpaced female peers in control schools, and by a wider margin than boys did compared to their peers:

- **Standout Reading Fluency:** Girls under TeachUNITED teachers demonstrated **2.7 additional years** of reading fluency growth compared to female peers in control schools ($p = 0.0032$, $d = 0.57$).
- **Math Mastery:** Female students achieved a remarkable **4.3 additional years** of typical learning growth in mathematics overall ($p < 0.0001$, $d = 0.90$) compared to female peers in control schools.

While boys also recorded excellent, statistically significant gains (+2.0 years in reading fluency and +3.0 years in math), the outsized growth among female students highlights TeachUNITED's capacity to accelerate learning for girls in foundational literacy and numeracy skills.

Conclusion

Training a teacher through TeachUNITED gives every student in that classroom a multi-year advantage, not just incremental progress. Scaling this model turns years of learning stagnation into years of verified student growth.