



TILT Tech With Adira Reads

Overview:

TILT Tech with Adira Reads ensures every student has the opportunity to reach full literacy by combining personalized, student-focused interventions with advanced data-driven strategies. By identifying specific literacy gaps, the program organizes students into instructional groups aligned with existing school curricula and optimizes instructional time. Progress is monitored in small groups and classrooms through metrics like student engagement, instructional effectiveness, skill mastery, and error analysis. Weekly data reviews inform monthly tailored recommendations for teachers.

This comprehensive system results in improved literacy outcomes, steady student progress, enhanced foundational skills, and valuable insights that empower educators and administrators to maximize instructional impact.

Schools and Students Supported:

- **Schools:** 5 schools
- **Students:** 700 students

TILT Tech with Adira Reads Impact:

Instructional Time

An important metric in schools is the time spent in instruction, which is often disrupted despite being scheduled. TILT Tech with Adira Reads tracks instructional time by teacher and small group to provide actionable insights. For instance, six weeks of small-group instruction were lost due to mid-year testing, resulting in a 10–20% decline in student growth.

Classroom Effectiveness

Classroom pass rates reflect student mastery of tier 1 instruction. Ideally, 80% or higher indicates strong literacy foundations, reducing the need for tier 2 or 3 interventions. Tracking these rates helps refine teaching strategies and pacing. Examples:

- Kindergarten: Pass rates surged from 11.3% to 52.46% in one semester, thanks to targeted interventions.
- 1st Grade: A modest rise from 41% to 49% revealed attendance issues (25%+ absences) and students with zero pass rates, highlighting intervention needs.
- 2nd Grade: Rates remained static, underscoring the need for adjusted pacing and focus on prerequisite skills.

This data-driven approach ensures continuous learning and tailored support for student success.

Literacy Skill Growth

Mastering foundational skills early is key to long-term literacy, yet many school structures lack the flexibility to address learning gaps. TILT Tech with Adira Reads provides a data-driven solution to identify and close these gaps, helping students stay on track. Key Results:

- Kindergarten: 19% growth in consonant and vowel mastery.
- 1st Grade: Foundational skills rose by 27%, overall literacy by 21%.
- 2nd Grade: Skills increased from 60% to 84%, with 26% overall growth.

By closing literacy gaps early, this approach equips students for lasting academic success.

Individual Student Highlights

ELL (English Language Learner) students in 1st grade began the year scoring zero on foundational skills but grew to over 40%, enabling them to start passing grade-level lessons. Historically, these students' scores have been challenging to improve. TILT Tech's targeted approach ensures students receive instruction aligned with their starting skill levels.

Instructional Pacing and Error Patterns

Tracking progress within the curriculum—not just external assessments—helps refine pacing and address errors.

- Example: In Kindergarten, students excelled in lessons 1–4 but struggled with lesson 5 (word-building). Those who failed it also failed 90% of future lessons. By reinforcing lesson 5 before advancing, pass rates improved, ensuring mastery over rigid pacing.

This shift optimizes instructional time and strengthens foundational skills.

For more information, please contact

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