Technology-based Implementation Supports: Approach Used in the TeacherRead Study Danielle Shaw Attaway BA, Michael Little PhD, Jill Pentimonti PhD, Virginia Buysse PhD

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20-Week Implementation Window

Professional Learning Webinars



Lesson Logs and Performance Feedback on Dosage



Virtual Coaching and Performance Feedback on Adherence



Outcome:
Improve
Language &
Literacy

- 3 pre-recorded selfpaced webinars
- Follow-up quiz to ensure completion of webinars and mastery of content
- Audio-recorded
 webinars in PPT
 uploaded to a private
 YouTube channel

- Daily one-minute online lesson logs delivered via text message and email
- Logs capture:
 - Completion of lesson
 - Absence of study children
 - Make-up lesson delivered
- Regular reminders for non-compliant teachers and positive reinforcement for high compliance
- 4 days / week average completion rate

- Beginning, middle, and end point video collection of selfrecorded teacher shared book reading lessons
- Collected via Torsh Talent application on i-pod touch devices
- Videos are coded using an implementation fidelity rubric
- Teachers receive online implementation feedback highlighting strengths and areas for growth (Glow, Grow, Next Steps)
- Teachers who exhibit low adherence receive an individual call to provide additional coaching

- Increased use of oral language, phonological awareness and print knowledge pedagogical approaches in shared book readings
- Improvement in students' language and literacy skills.

