



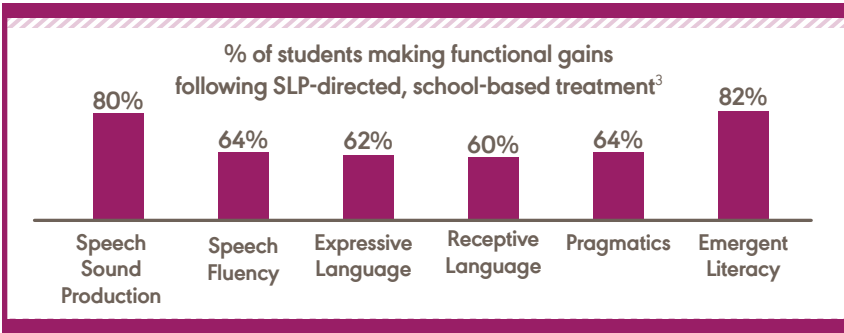
The Value of School-Based Speech-Language Pathology Services for Elementary School Children



**COLLABORATION
IS KEY**

When compared with noncollaborative models, collaborative interventions involving speech-language pathologists (SLPs) and teachers lead to...

- **2 times** more improvement in curricular vocabulary for students with language disorders and **3 times** more improvement for their classmates.¹
- **81%–89%** of teachers report satisfaction with the degree of support and communication provided by school-based SLPs.²



Compared with general speech-language pathology services, students who receive intensive SLP-directed pragmatic intervention are...

- **5–9 times** more likely to improve pragmatic skills.⁴
- **5 times** less likely to exhibit pragmatic difficulties at 6-month follow-up.⁴

Following SLP-directed narrative interventions, multilingual students with disabilities improve...

- Narrative production **2 times** more, oral narratives **5 times** more, and written narratives **3 times** more compared with general SLP services.⁵
- Story grammar production **42 times** more compared with those receiving no treatment.⁶

Following SLP-directed phonological awareness (PA) treatment...

- **58%–62%** of students with speech and language deficits achieve grade-level proficiency in sound blending or word-initial sound identification.¹⁴
- Students with language disorders make **30 times** more improvement in single-word reading and **3 times** more improvement in reading at the passage level compared with interventions without PA.¹⁵

Following school-based SLP-directed treatment, students improve their speech-language skills.

Students with complex communication needs...

- Improve naming of targeted and related words **4–6 times** more than untargeted words.⁷

Students with language disorders...

- Improve grammar skills by **112%** with weekly treatment.⁸
- Improve morphosyntax by **97%** with targeted, explicit feedback.⁹
- Use **38%** more independent clauses and increase their narrative grammar complexity by **108%** following narrative language interventions.¹⁰
- Demonstrate **4–7 times** greater improvement in expressive language skills compared with less intensive community-based services.²
- Are **2 times** more likely to improve grammar production, with **4 times** greater improvement overall when receiving targeted SLP-directed grammar treatment compared with general SLP services.¹¹

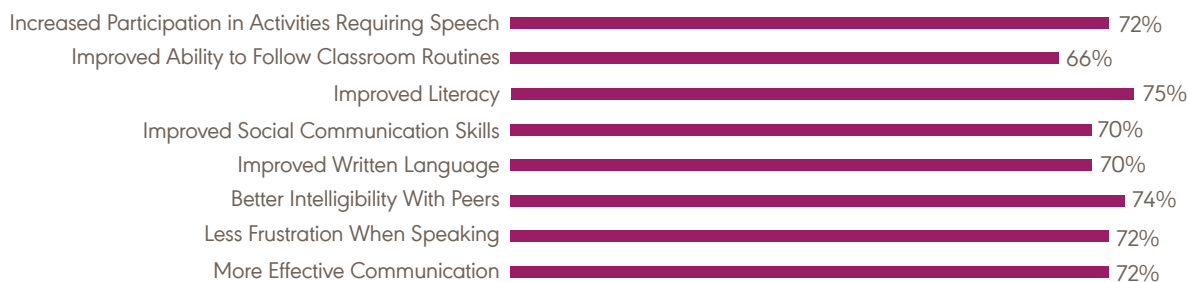
Students with speech sound disorders...

- Make **2 times** more progress on targeted sounds.¹²
- Are **3 times** more likely to master age-level sounds when compared with those not receiving treatment.¹²

Students with written language disorders...

- Decrease grammatical errors by **67%** per sentence.¹³
- Improve quality of written paragraphs by **28%**.¹³

SLP Services Improve Students' Educational and Classroom Performance



% of teachers reporting improved student performance³

References

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