

## Why Speech Sounds Matter for Literacy

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ASHA Evidence Maps: Speech Sound Disorders

<https://www.asha.org/EvidenceMapLanding.aspx?id=8589936579&recentarticles=false&year=undefined&tab=all>

### Recommended Resources:

- Phonological Awareness Screening Test (PAST) - freely available; as well as instructions on how to administer the measure:  
<http://www.maspweb.com/resources/Documents/PAST%202016.pdf>  
[https://www.seedpknwboces.org/sites/default/files/docs/pd-attachments/instructions for the administration of the past.pdf](https://www.seedpknwboces.org/sites/default/files/docs/pd-attachments/instructions%20for%20the%20administration%20of%20the%20past.pdf)
- Speech Participation and Activity Assessment of Children (SPAA-C) - freely available:  
<https://www.csu.edu.au/research/multilingual-speech/spaa-c>
- Single word test of consonant clusters - freely available:  
[http://www.csu.edu.au/data/assets/pdf file/0009/227655/Consonantclustertest.pdf](http://www.csu.edu.au/data/assets/pdf_file/0009/227655/Consonantclustertest.pdf)
- Nonword repetition subtest options:
  - Comprehensive Test of Phonological Processing-2nd Edition (CTOPP-2) -  
<https://www.proedinc.com/Products/13080/ctopp2-comprehensive-test-of-phonological-processingsecond-edition.aspx>
  - Test of Integrated Language and Literacy Skills (TILLS) -  
<https://products.brookespublishing.com/Test-of-Integrated-Language-and-Literacy-Skills-TILLS-Examiners-Kit-P846.aspx>
- Diagnostic Evaluation of Articulation and Phonology (DEAP) - includes a word inconsistency subtest:  
<https://www.pearsonassessments.com/store/usassessments/en/Store/Professional-Assessments/Speech-%26-Language/Diagnostic-Evaluation-of-Articulation-and-Phonology/p/100000295.html>
- Speech Perception assessment tool: Speech Assessment and Interactive Learning System (SAILS): <https://apps.apple.com/us/app/sails/id1207583276>

### Educational Need:

- Farquharson, K., & Boldini, L. (2018). Variability in interpreting “educational performance” for children with speech sound disorders. *Language, speech, and hearing services in schools*, 49(4), 938-949.
- Farquharson, K., & Tambyraja, S. R. (2019, March). Describing how school-based SLPs determine eligibility for children with speech sound disorders. In *Seminars in speech and language* (Vol. 40, No. 02, pp. 105-112). Thieme Medical Publishers.

### Service Delivery:

- Response-to-Intervention
  - <https://www.asha.org/slp/schools/prof-consult/RtoI/>
  - Bruce, L., Lynde, S., Weinhold, J., & Peter, B. (2018). A team approach to response to intervention for speech sound errors in the school setting. *Perspectives of the ASHA Special Interest Groups*, 3(16), 110-119.
    - <https://pubs.asha.org/doi/abs/10.1044/persp3.sig16.110>
  - Mire, S. P., & Montgomery, J. K. (2009). Early intervening for students with speech sound disorders: Lessons from a school district. *Communication Disorders Quarterly*, 30(3), 155-166.
    - <https://journals.sagepub.com/doi/abs/10.1177/1525740108326593>
  - Swaminathan, D., & Farquharson, K. (2018). Using Response to Intervention for Speech Sound Disorders: Exploring Practice Characteristics and Geographical Differences. *Perspectives of the ASHA Special Interest Groups*, 3(16), 53-66.
    - <https://jshd.pubs.asha.org/doi/abs/10.1044/persp3.SIG16.53>
  - Taps, J. (2008). RTI services for children with mild articulation needs: Four years of data. *Perspectives on School-Based Issues*, 9(3), 104-110.
    - <https://jshd.pubs.asha.org/doi/abs/10.1044/sbi9.3.104>
- Quick Articulation!
  - Brosseau-Lapr e, F., & Greenwell, T. (2019, March). Innovative Service Delivery Models for Serving Children with Speech Sound Disorders. In *Seminars in speech and language* (Vol. 40, No. 02, pp. 113-123). Thieme Medical Publishers.
    - <https://www.thieme-connect.com/products/ejournals/html/10.1055/s-0039-1677762>
- Speedy Speech
  - Taps, J. (2006). An innovative educational approach for addressing articulation differences. *Perspectives on School-Based Issues*, 7(4), 7-11.
    - <https://jshd.pubs.asha.org/doi/abs/10.1044/sbi7.4.7>
  - <http://www.speedyspeechtherapy.com/SpeechProfessionals.html>

### Podcasts to check out:

- Dr. Tiffany Hogan's [See Hear Speak podcast, Episode 3](#). Hear Dr. Farquharson talk with Dr. Holly Storkel about the "new" speech sound norms and eligibility for services for children with speech sound disorders. Be sure to check out the other fantastic episodes of this podcast, as well!!
- [True Confessions with Lisa and Sarah](#) (creators of SLP Toolkit) - Episode 19. Dr. Farquharson talks with Lisa and Sarah about how we might reconsider providing services to children with speech sound disorders.

### Additional Articles to Check Out:

- In a special issue of ASHA Perspectives in Language Learning and Education (SIG 1), edited by Dr. Holly Storkel:
  - [It might not be "just artic": The Case for the Single Sound Error](#) by Kelly Farquharson
  - [Using developmental norms for speech sounds as a means of determining treatment eligibility in schools](#) by Holly Storkel
  - [Standardized Tests and the Diagnosis of Speech Sound Disorders](#) by Leah Fabiano-Smith
  - [Eligibility and Speech Sound Disorders: Assessment of Social Impact](#) by Breanna Krueger
- In a [special issue of Seminars in Speech and Language](#), edited by Dr. Katy Cabbage:
  - [Speech Sound Disorders in Children](#) by Katy Cabbage
  - [Describing how school-based SLPs determine eligibility for children with speech sound disorders](#) by Kelly Farquharson & Sherine Tambyraja
  - [Clinical Challenges: Assessing Toddler Speech Sound Productions](#) by Shari Deveney
  - [What do children with speech sound disorders think about their talking?](#) By Jane McCormack, Sharynne McLeod, and Kate Crowe
  - [Innovative service delivery models for serving children with speech sound disorders](#). By Francoise Brosseau-Lapre and Tamar Greenwell
  - [Speech Sound Disorder and Visual Biofeedback Intervention: A preliminary investigation in treatment intensity](#) by Elaine Hitchcock, Michelle T. Swartz, and Melissa Lopez
  - [Phonological Treatment Options for Children with expressive language impairment](#) by Jill Hoover
- Also check out [this article by The Informed SLP](#)