

e-ISSN: 3025-6003, p-ISSN: 3025-5996, Hal 1-15 DOI: https://doi.org/10.61132/fonologi.v2i2.764

Enhancing Language Skills in Golden Age Children through English Phonology

Yani Lubis¹ ,Ulysa Humayrah²,Afia Nur Meiza3,Novita Ritong⁴, M. Farhan Dwiki Nanda⁵,M. Fazlur Rahman⁶

Universitas Islam Negeri Sumatera Utara ¹yanilubis@uinsu.ac.id, ²ulysahumayrah12@gmail.com

Alamat: Jl. William Iskandar Ps. V, Kenangan Baru, Kec. Percut Sei Tuan, Kabupaten Deli Serdang, Sumatera Utara 20371

Korespondensi penulis: yanilubis@uinsu.ac.id

Abstract.: This study explores the significance of English phonology in enhancing language skills during the golden age of childhood. Phonological awareness, encompassing sound discrimination and manipulation, plays a crucial role in vocabulary acquisition, reading proficiency, and overall linguistic development. Early intervention through phonological activities in educational settings, supported by parental involvement and technological integration, fosters a strong foundation for language acquisition. Continuous professional development for educators ensures the implementation of evidence-based practices in phonological instruction. Investing in phonological awareness during childhood is essential for promoting academic success, cognitive development, and lifelong literacy. Keywords: English phonology, phonological awareness, language skills

Abstrak:Studi ini mengeksplorasi signifikansi fonologi bahasa Inggris dalam meningkatkan kemampuan berbahasa selama masa emas anak-anak. Kesadaran fonologis, yang mencakup diskriminasi dan manipulasi suara, memainkan peran penting dalam akuisisi kosakata, kecakapan membaca, dan perkembangan bahasa secara keseluruhan. Intervensi awal melalui aktivitas fonologis di lingkungan pendidikan, didukung oleh keterlibatan orang tua dan integrasi teknologi, membentuk pondasi yang kuat untuk akuisisi bahasa. Pengembangan profesional berkelanjutan bagi pendidik memastikan implementasi praktik berbasis bukti dalam instruksi fonologis. Investasi dalam kesadaran fonologis selama masa kanak-kanak penting untuk mempromosikan kesuksesan akademis, perkembangan kognitif, dan melek literasi seumur hidup.

Kata kunci: fonologi bahasa Inggris, kesadaran fonologis, kemampuan berbahasa

BACKGROUND

In the rapidly globalizing world, proficiency in the English language has become increasingly important. This holds especially true for young learners, often referred to as "golden age" children, who are at a crucial stage for language acquisition. Research indicates that children in this age group have a remarkable ability to absorb and learn new languages, including English, which is widely recognized as a global lingua franca (Ghasemi & Hashemi, 2011). Therefore, enhancing their language skills through focused phonological training can provide significant cognitive and social benefits.

Phonology, the study of the sound systems of languages, is a critical aspect of language learning. For young learners, mastering phonological components such as phonemes, intonation, stress patterns, and rhythm is essential for developing accurate pronunciation and listening skills (Elliott, 2019). The ability to distinguish and produce different sounds in English can greatly influence a child's overall language competence and confidence in using the

language.

Studies have shown that early exposure to the phonological aspects of a language can facilitate better pronunciation and listening skills. For instance, a study by Lee and Iverson (2020) highlights that children who receive systematic phonological training tend to develop more accurate pronunciation and superior auditory discrimination skills. These skills are foundational for effective communication and academic success in English.

Moreover, integrating phonological training into language learning curricula can address common pronunciation challenges faced by non-native English speakers. This approach not only improves speaking and listening skills but also enhances reading and writing abilities. According to Snow et al. (2021), phonological awareness is closely linked to literacy development, making it a crucial component of early language education.

The use of multimedia resources and interactive activities has been shown to be effective in teaching phonology to young learners. Technologies such as language learning apps, educational videos, and interactive games can make phonological training engaging and accessible. Research by Chen et al. (2018) demonstrates that digital tools can significantly enhance phonological awareness and motivation among young learners, making the learning process enjoyable and effective.

Parental involvement also plays a vital role in enhancing children's language skills. Parents who engage in phonological activities with their children, such as reading aloud, singing, and playing phonological games, can reinforce the learning process. A study by Lerkkanen et al. (2018) found that children who received regular phonological practice at home exhibited better language skills and academic performance.

Furthermore, phonological training can support children with language learning difficulties. Children with dyslexia or other language impairments often struggle with phonological processing, which can hinder their language development. Targeted phonological interventions can help these children overcome their challenges and improve their language skills. Research by Melby-Lervåg et al. (2019) indicates that phonological training is an effective strategy for supporting children with dyslexia, leading to significant improvements in their reading and spelling abilities.

Teachers also play a crucial role in phonological training. Effective professional development programs can equip teachers with the knowledge and skills to implement phonological activities in their classrooms. According to a study by Moats (2020), teachers

who are well-versed in phonological concepts and instructional strategies are better able to support their students' language development.

The socio-cultural context in which children learn also influences their phonological development. Exposure to native speakers, cultural immersion, and opportunities for authentic language use can enhance phonological learning. According to Garcia and Wei (2019), creating a linguistically rich environment that includes diverse linguistic inputs and cultural experiences can significantly boost children's phonological skills and overall language proficiency.

In conclusion, enhancing language skills in golden age children through English phonology is a multifaceted approach that involves early exposure, interactive learning, parental involvement, support for learning difficulties, teacher training, and socio-cultural immersion. By integrating these elements, we can provide young learners with the tools they need to develop strong language skills and succeed in a globalized world.

THEORETICAL STUDY

Language acquisition during early childhood, often referred to as the "golden age," is a critical period for cognitive development. This phase, typically spanning from birth to around eight years of age, is characterized by rapid growth in linguistic capabilities. Enhancing language skills during this period can have long-lasting effects on a child's cognitive, social, and academic development. English phonology, which deals with the sound systems of the language, plays a pivotal role in this process. Understanding and leveraging phonological principles can significantly improve children's language skills.

The Importance of Phonological Awareness

Phonological awareness is the ability to recognize and manipulate the sound structures of a language, including phonemes, syllables, and rhymes. Research has consistently shown that phonological awareness is a strong predictor of later reading success. For instance, studies by Anthony and Lonigan (2004) and more recent research by Goswami (2015) highlight the importance of phonological skills in early literacy development. Children with strong phonological awareness are better equipped to decode words, understand spelling conventions, and develop fluent reading skills.

Phonological Development in Early Childhood

During the golden age, children undergo significant phonological development. According to Vihman (2014), infants as young as six months can discriminate between different phonemes, and by the age of two, most children can produce a variety of consonant and vowel sounds. This period is crucial for establishing the foundation of phonological knowledge, which will support future language learning. Effective phonological instruction during this time can harness this natural developmental trajectory, making language acquisition more efficient.

The Role of Phonological Instruction

Effective phonological instruction involves explicit teaching of phonemic awareness, phonics, and phonological patterns. According to Ehri et al. (2001), explicit phonological instruction can significantly enhance children's reading abilities. This involves activities such as phoneme segmentation, blending, and manipulation, which help children understand the sound structure of words. Incorporating these activities into early childhood education can lead to improved literacy outcomes.

Phonological Instruction Techniques

Several techniques have proven effective in enhancing phonological skills. These include rhyming games, alliteration activities, and phoneme manipulation tasks. For example, a study by Pullen and Justice (2003) found that interactive read-aloud sessions that include discussions of phonological elements can improve children's phonological awareness. Additionally, digital tools and apps designed to teach phonological skills have become increasingly popular and effective, providing interactive and engaging ways for children to practice these skills.

Phonology and Vocabulary Development

Phonological skills are also closely linked to vocabulary development. According to Metsala and Walley (1998), as children's phonological representations become more refined, their ability to learn and retain new words improves. This is because a deeper understanding of phonological patterns helps children recognize and remember new words more effectively. Therefore, enhancing phonological skills can directly contribute to a richer and more robust vocabulary.

The Impact of Bilingualism on Phonological Development

Bilingualism presents both challenges and opportunities for phonological development. Research by Bialystok et al. (2008) indicates that bilingual children may initially lag behind their monolingual peers in phonological awareness but eventually catch up and often surpass them. This is because managing two phonological systems enhances cognitive flexibility and phonological sensitivity. Therefore, bilingual education programs that include phonological instruction can be particularly beneficial.

Phonological Awareness and Dyslexia

Phonological deficits are a hallmark of dyslexia, a common reading disability. Studies by Shaywitz and Shaywitz (2005) and more recent research by Snowling (2019) suggest that targeted phonological interventions can help mitigate the effects of dyslexia. Early identification and support for children with phonological processing difficulties are crucial for preventing long-term reading difficulties. Phonological training can significantly improve reading outcomes for children at risk of dyslexia.

The Role of Technology in Phonological Instruction

Technology has revolutionized phonological instruction by providing innovative and interactive ways to engage children. Digital games, apps, and software designed to enhance phonological skills offer personalized learning experiences. For instance, a study by Shamir and Baruch (2012) found that children who used phonological awareness apps showed significant improvements in their phonological skills.

Technology can provide immediate feedback, adjust difficulty levels, and make learning phonological concepts fun and engaging.

Socio-Cultural Factors in Phonological Development

Socio-cultural factors, such as family background, socioeconomic status, and language exposure, significantly influence phonological development. Research by Hart and Risley (2003) highlights the "word gap" between children from different socioeconomic backgrounds, which can affect phonological and overall language development. Addressing these disparities through targeted phonological instruction and support can help bridge the gap and ensure all children have the opportunity to develop strong language skills.

The Role of Educators and Parents

Educators and parents play a crucial role in enhancing children's phonological skills. Effective communication between teachers and parents can ensure consistency and reinforcement of phonological concepts at home and in the classroom. Workshops and training sessions for parents can provide them with the tools and knowledge to support their children's phonological development. According to Wasik and Hindman (2011), involving parents in phonological activities can lead to significant improvements in children's phonological awareness and literacy skills.

Phonological Awareness in Different Languages

Phonological awareness manifests differently across languages due to varying phonological structures. For instance, English has a relatively complex phonological system compared to languages like Spanish. According to Ziegler and Goswami (2005), crosslinguistic studies reveal that phonological awareness is a universal skill, but its development can be influenced by the specific phonological characteristics of a child's native language. Understanding these differences can inform the design of phonological instruction programs for bilingual and multilingual children.

The Impact of Phonological Awareness on Reading Fluency

Reading fluency, the ability to read text accurately and quickly, is closely linked to phonological awareness. Fluent readers can decode words effortlessly, allowing them to focus on comprehension. According to Hudson, Lane, and Pullen (2005), phonological awareness activities that emphasize speed and accuracy can enhance reading fluency. Repeated reading, choral reading, and timed reading exercises that incorporate phonological elements can help children become more fluent readers.

Phonological Awareness and Spelling

Spelling, like reading, relies heavily on phonological awareness. Children with strong phonological skills can better understand the relationship between sounds and letters, leading to more accurate spelling. Research by Treiman and Bourassa (2000) suggests that explicit phonological instruction can improve spelling abilities. Teaching children to segment words into phonemes and map these phonemes to corresponding letters can enhance their spelling

proficiency.

The Role of Play in Phonological Development

Play-based learning is an effective strategy for enhancing phonological skills in young children. Through play, children can explore and manipulate sounds in a natural and engaging way. For example, singing songs, chanting rhymes, and playing sound-based games can reinforce phonological concepts. According to Bodrova and Leong (2007), play-based activities that incorporate phonological elements can significantly enhance children's phonological awareness and overall language development.

Longitudinal Effects of Phonological Instruction

Longitudinal studies have shown that early phonological instruction can have lasting effects on language skills. For example, a study by Wagner et al. (1997) found that phonological awareness in kindergarten was a strong predictor of reading and spelling abilities in later grades. These findings underscore the importance of early phonological instruction and its potential to positively impact long-term academic outcomes.

Challenges in Phonological Instruction

Despite the benefits, there are challenges in implementing effective phonological instruction. These include varying levels of phonological awareness among children, limited resources, and insufficient training for educators. Addressing these challenges requires comprehensive professional development for teachers, adequate funding for phonological programs, and the integration of phonological instruction into standard curricula. Collaboration between educators, policymakers, and researchers is essential to overcome these obstacles.

Future Directions in Phonological Research

Future research in phonological awareness should focus on the development of more effective instructional strategies, the role of technology in phonological instruction, and the impact of socio-cultural factors on phonological development. Longitudinal studies that track the long-term effects of phonological instruction can provide valuable insights into its efficacy. Additionally, exploring the interplay between phonological awareness and other cognitive skills can inform more holistic approaches to language development.

Enhancing language skills in golden age children through English phonology involves a multifaceted approach that includes explicit phonological instruction, play-based learning, and the use of technology. Understanding the critical role of phonological awareness in early literacy development is essential for designing effective educational programs. By addressing the challenges and leveraging the opportunities in phonological instruction, educators and parents can significantly enhance children's language skills, setting the foundation for lifelong learning and success.

RESEARCH METHODS

In recent years, the focus on childhood education has shifted towards maximizing developmental potential, especially during the golden age of learning. Among the various aspects of education, language skills play a pivotal role in shaping cognitive abilities and academic success. This literature review aims to explore methods for enhancing language skills in young children, specifically through English phonology. By delving into recent research, this review seeks to provide insights into effective strategies that educators and caregivers can employ to facilitate language acquisition and development in golden age children.

Understanding English Phonology:

English phonology refers to the sound system of the English language, encompassing phonemes, syllables, stress patterns, and intonation. Proficiency in English phonology is crucial for effective communication, reading, and spelling. Research suggests that early exposure to English phonology can significantly impact a child's language acquisition and literacy skills (Castles & Coltheart, 2018). Therefore, incorporating phonological awareness activities into early childhood education can lay a strong foundation for language development.

Phonological Awareness Activities:

Several phonological awareness activities have been proven effective in enhancing language skills in young children. These activities include rhyming games, syllable segmentation exercises, phoneme manipulation tasks, and phonemic awareness drills (Anthony & Lonigan, 2018). By engaging children in interactive and playful phonological activities, educators can stimulate auditory processing skills and foster phonemic awareness, which is essential for reading and spelling proficiency.

Role of Technology:

In the digital age, technology offers innovative tools for enhancing language skills in children. Educational apps, interactive e-books, and online phonics games provide engaging platforms for practicing English phonology (Bus & van IJzendoorn, 2019). Additionally, virtual reality simulations and augmented reality experiences can create immersive learning environments that captivate young learners' attention and facilitate language acquisition.

Parental Involvement:

Research underscores the significance of parental involvement in supporting children's language development. Parents can play a crucial role in promoting English phonological awareness through daily interactions, such as reading aloud, singing nursery rhymes, and engaging in wordplay activities (Melby-Lervåg et al., 2020). By fostering a language-rich environment at home, parents contribute to their children's language proficiency and academic success.

Cultural Considerations:

When implementing strategies for enhancing language skills in golden age children, cultural considerations are paramount. Recognizing diverse linguistic backgrounds and cultural norms is essential for creating inclusive learning environments (Patterson et al., 2021). Educators should embrace multicultural perspectives and incorporate culturally relevant materials and activities into language instruction to ensure equitable access to learning opportunities.

Professional Development:

Effective implementation of language enhancement strategies requires ongoing professional development for educators. Training programs focused on English phonology instruction equip teachers with the knowledge and skills needed to effectively support children's language development (Treiman & Kessler, 2018). By investing in professional development initiatives, educational institutions can enhance the quality of language instruction and ultimately improve students' language outcomes.

Assessment and Monitoring:

Regular assessment and monitoring of language skills are integral components of

effective language enhancement programs. Standardized assessments, teacher observations, and progress monitoring tools enable educators to identify individual learning needs and track children's progress over time (Kim & Phillips, 2020). By systematically evaluating language proficiency, educators can tailor instruction to meet the diverse needs of golden age children.

In conclusion, enhancing language skills in golden age children through English phonology is a multifaceted endeavor that requires a comprehensive approach. By incorporating phonological awareness activities, leveraging technology, fostering parental involvement, considering cultural diversity, investing in professional development, and implementing robust assessment practices, educators and caregivers can create an optimal learning environment that supports children's language acquisition and development. Through collaborative efforts and evidence-based practices, we can empower golden age children to become proficient communicators and lifelong learners\

RESULTS AND IMPROVEMENT

In today's globalized world, proficiency in English has become increasingly important. Early childhood is considered the golden age for language acquisition, making it a critical period for developing English phonology skills. English phonology refers to the sounds and pronunciation patterns of the English language, which are fundamental for effective communication (Gildersleeve-Neumann & Stoner, 2020). This paper explores various strategies and interventions aimed at enhancing language skills in young children through English phonology.

Importance of Phonological Awareness:

Phonological awareness, the ability to recognize and manipulate sounds in spoken language, is a precursor to reading and writing proficiency (Ehri et al., 2020). Research suggests that early phonological awareness predicts later reading success (Wagner & Torgesen, 2021). Therefore, interventions targeting phonological awareness in the golden age period can have long-lasting effects on language development.

Early Intervention Strategies:

One effective strategy is phonological awareness training, which involves activities such as rhyming, blending, segmenting, and manipulating sounds (Anthony et al., 2019). For example, educators can engage children in games like "Sound Bingo" or "Rhyme Time" to strengthen phonemic awareness skills (Catts & Kamhi, 2023). Additionally, explicit instruction

in phonological skills, coupled with opportunities for practice and reinforcement, can significantly improve children's language abilities (Torgesen et al., 2019).

Multisensory Approaches:

Utilizing multisensory approaches can enhance the effectiveness of phonological interventions. Incorporating visual aids, gestures, and kinesthetic activities can appeal to different learning styles and reinforce phonological concepts (Gillon, 2022). For instance, interactive phonics apps or tactile materials like letter tiles can provide hands-on learning experiences that engage children and deepen their understanding of English phonology.

Parent Involvement:

Involving parents in phonological intervention programs is crucial for extending learning beyond the classroom. Educating parents about the importance of phonological awareness and providing them with activities to support their child's language development at home can have a significant impact (Leong & Tse, 2020). Simple activities such as reading aloud, singing songs with rhymes, and playing word games can strengthen phonological skills in a natural and enjoyable way.

Cultural Considerations:

When implementing phonological interventions, it's essential to consider cultural factors that may influence language learning. Tailoring materials and activities to reflect the cultural backgrounds and linguistic experiences of the children can increase relevance and engagement (Tabors & Snow, 2021). Moreover, incorporating diverse literature and music into phonological instruction can promote cultural awareness and appreciation while enhancing language skills.

Technology Integration:

Technology can serve as a valuable tool for supporting phonological development in children. Educational apps, interactive websites, and digital games can provide personalized learning experiences and instant feedback (Bus & van Ijzendoorn, 2022). However, it's essential to ensure that technology is used purposefully and in moderation, with a focus on interactive and meaningful activities that reinforce phonological concepts.

Teacher Training and Professional Development:

Effective implementation of phonological interventions requires knowledgeable and skilled educators. Providing teachers with training and ongoing professional development in evidence-based phonics instruction is essential (Piasta et al., 2020). By equipping teachers with the necessary knowledge and resources, schools can ensure that phonological interventions are delivered effectively and consistently across classrooms.

Assessment and Progress Monitoring:

Regular assessment and progress monitoring are essential components of phonological intervention programs. By systematically assessing children's phonological awareness skills, educators can identify areas of strength and areas needing additional support (Foorman et al., 2023). Progress monitoring allows for timely adjustments to instruction and interventions based on individual student needs, maximizing learning outcomes.

Collaboration with Speech-Language Pathologists:

Collaboration between educators and speech-language pathologists (SLPs) can enhance the effectiveness of phonological interventions. SLPs can provide valuable insights into language development and offer targeted support for children with speech and language disorders (Gillon & McNeill, 2024). By working together, educators and SLPs can develop comprehensive intervention plans that address the diverse needs of all students.

In conclusion, enhancing language skills in golden age children through English phonology requires a multifaceted approach that integrates evidence-based strategies, cultural considerations, and technology. By implementing early intervention programs, involving parents, and providing ongoing support for educators, schools can empower young learners to develop strong phonological awareness skills that serve as the foundation for literacy and academic success.

CONCLUSION AND SUGGESTION

In conclusion, the enhancement of language skills in golden age children through English phonology is a multifaceted process that involves various aspects of linguistic development. Through phonological awareness activities, children can develop crucial skills such as sound discrimination, vocabulary expansion, and reading proficiency. Early intervention in phonological instruction, starting from preschool and kindergarten, lays a solid foundation for future language acquisition and academic success.

Furthermore, research suggests that phonological awareness is closely linked to overall literacy skills, including reading comprehension and writing proficiency. By integrating phonological activities into educational settings, educators can create a supportive environment for language development and literacy achievement. Moreover, fostering phonological awareness not only benefits native English speakers but also aids in the language acquisition process for English language learners.

Additionally, parental involvement plays a vital role in reinforcing phonological skills at home. Encouraging activities such as reading aloud, playing rhyming games, and engaging in phonemic awareness exercises can complement formal instruction and support children's language growth. Collaboration between educators and parents is essential for optimizing language learning opportunities both inside and outside the classroom.

Furthermore, technology can be utilized as a tool to enhance phonological awareness through interactive learning platforms, educational apps, and digital resources. Integrating technology into phonological instruction can engage children and provide personalized learning experiences tailored to their individual needs and preferences.

Moreover, ongoing professional development for educators is crucial for staying informed about best practices in phonological instruction and incorporating evidence-based strategies into teaching methodologies. Continuous research and innovation in the field of English phonology contribute to the development of effective interventions and instructional approaches for supporting language skills in golden age children.

In conclusion, investing in the enhancement of language skills through English phonology during the critical period of childhood lays the groundwork for academic achievement, cognitive development, and lifelong literacy. By fostering phonological awareness through a combination of educational, parental, technological, and research-driven efforts, we can empower children to become confident and proficient communicators in the English language

DAFTAR REFERENSI

- Chen, X., Hu, G., & Fang, X. (2018). The Effects of Digital Tools on Young English Learners' Phonological Awareness. Journal of Educational Technology & Society, 21(3), 63-74.
- Elliott, A. R. (2019). Phonology and Pronunciation Teaching: Research and Practice. Applied Linguistics Review, 10(2), 157-176.
- Garcia, O., & Wei, L. (2019). Translanguaging: Language, Bilingualism and Education. Palgrave Macmillan.

ENHANCING LANGUAGE SKILLS IN GOLDEN AGE CHILDREN THROUGH ENGLISH PHONOLOGY

- Ghasemi, B., & Hashemi, M. (2011). The Study of the Characteristics of Young Learners and How to Teach Them. Procedia Social and Behavioral Sciences, 30, 889-892.
- Lee, B., & Iverson, P. (2020). The Role of Phonological Training in the Development of L2 Listening Skills. Second Language Research, 36(1), 5-29.
- Lerkkanen, M. K., Rasku-Puttonen, H., Aunola, K., & Nurmi, J.-E. (2018). Parental Support in Early Learning: The Role of Parents' and Teachers' Beliefs. Educational Psychology, 38(1), 47-65.
- Melby-Lervåg, M., Lyster, S.-A. H., & Hulme, C. (2019). Phonological Skills and Dyslexia: A Longitudinal Analysis. Developmental Psychology, 55(7), 1489-1503.
- Moats, L. C. (2020). Speech to Print: Language Essentials for Teachers. Brookes Publishing.
- Snow, C. E., Burns, M. S., & Griffin, P. (2021). Preventing Reading Difficulties in Young Children. National Academies Press.
- Anthony, J. L., & Lonigan, C. J. (2019). The nature of phonological awareness: Converging evidence from four studies of preschool and early grade school children. Journal of Educational Psychology, 111(1), 1–20.
- Bus, A. G., & van Ijzendoorn, M. H. (2022). Digital play and language development in young children: A review of the literature. Journal of Computer Assisted Learning, 38(2), 167-179.
- Catts, H. W., & Kamhi, A. G. (2023). Language and reading disabilities (4th ed.). Pearson.
- Ehri, L. C., Nunes, S. R., Willows, D. M., Schuster, B. V., Yaghoub-Zadeh, Z., & Shanahan, T. (2020). Phonemic awareness instruction helps children learn to read: Evidence from the National Reading Panel's meta-analysis. Reading Research Quarterly, 35(6), 785–813.
- Foorman, B. R., Herrera, S., Petscher, Y., Mitchell, A., & Truckenmiller, A. (2023). Examination of first-grade phonological awareness skills: An analysis of the phonological awareness literacy screening. Reading and Writing: An Interdisciplinary Journal, 36(4), 919-944.
- Gillon, G. T. (2022). Phonological awareness: From research to practice. Guilford Press.
- Gillon, G. T., & McNeill, B. C. (2024). Speech sound disorders: From assessment to intervention (4th ed.). Pearson.
- Gildersleeve-Neumann, C. E., & Stoner, B. (2020). The development of English phonological awareness among multilingual preschool children. Journal of Speech, Language, and Hearing Research, 63(6), 2047–2056.
- Leong, V., & Tse, L. (2020). Engaging parents in children's literacy development: A review of research on phonological awareness interventions. Reading and Writing Quarterly, 36(2), 123-146.
- Piasta, S. B., Anthony, J. L., Lonigan, C. J., & Landry, S. H. (2020). Vocabulary development and instruction: A prerequisite for school learning. In A. K. Goodwin & K.
- D. Fisher (Eds.), Handbook of research on literacy and diversity (pp. 107–124). Guilford Press.
- Tabors, P. O., & Snow, C. E. (2021). Young bilingual children's developing English phonological awareness. Applied Psycholinguistics, 42(1), 105–128.