



Visual Language & Visual Learning (VL2) CENTER PURPOSE Visual Language Visual Language Visual Language Visual Language Visual Sensory Processing







Socio-emotional Development & Language

Research shows the connection between language deprivation and neurocognitive processing, indicating that early exposure to a visually based language and culture leads to

- optimal visual engagement
- executive functions,
- and socio-cognitive skills

Deficits in social-emotional development among DHH children is a result of language deprivation, not hearing loss Corina & Singleton, 2009; Hall et al., 2019

Early Language Experience-Babbling Peter & Marentette, 191 Peter & Marentette, 192 Peter & Ma

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Biological Need for Language

- This biological process includes the segmentation of languages on the hands in signed languages. (rhythm & patterns)
- Exposure to natural sign language in early life helps the brain develop visual sign phonology (VSP)
- sound and sign phonology are equally important in language learning and reading

Petitto, L. A., Langdon, C., Stone, A., Andriola, D., Kartheiser, G., & Cochran, C. (2016).

Visual Phonology (ASL) & Sound Phonology (English) activate the identical brain tissue

Petitto et al 2000; Kovelman, et al & Petitto, 2008; 2009







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difference on what basis the child learns foundation skills from? YES!



development, and readiness for school.











Thank you! a