



Deaf Children and their Families in Media

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VISUAL LANGUAGE
AND VISUAL LEARNING



@VL2Science



Media & Purpose

What's the purpose of the media?

To inform

To inspire

To share

Through Your Child's Eyes

***Growing Together: Creating
Language-Rich Environments***

Bilingualism and the Brain

Common theme?

The Dilemma



Do we go to oral,
do we go to sign?



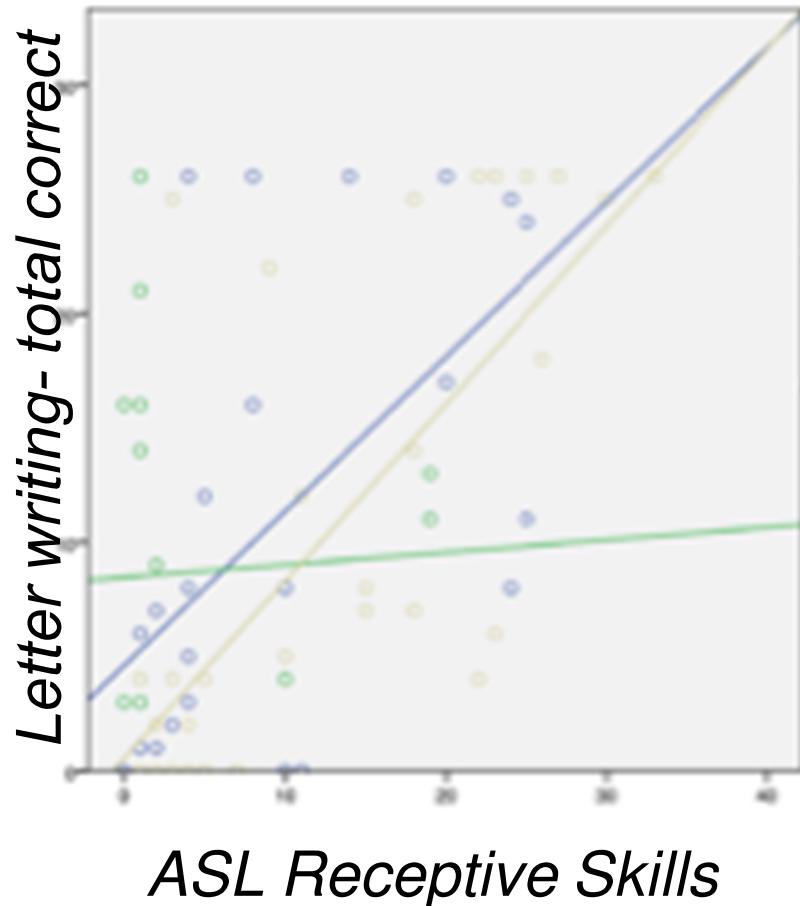
***Early bilingual exposure does not
block the development of speech***

***but, late exposure may impair language
and cognitive development***

Anderson, Chen-Pichler, Lillo-Martin, 2013

Age of Exposure

Correlations between early literacy skills (e.g. writing letters) & sign language skills appear very early in development- By age 3.



Hearing- Signers
Deaf Signers
Deaf- non-signers

*Correlations for children
with signing parents- **either
deaf or hearing***

Early Education Longitudinal Study (3-5 years old), Allen

Bilingual exposure benefits monolinguals



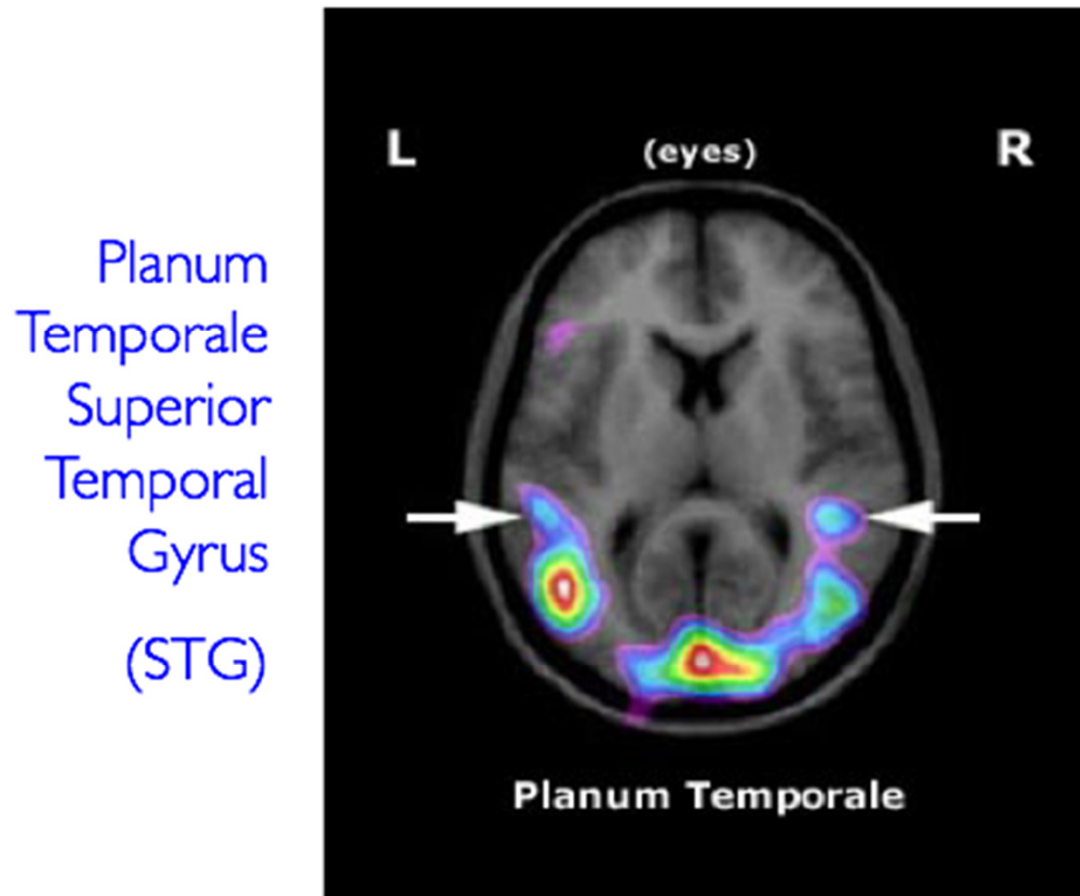
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Cognitive Benefits

Metalinguistic Awareness

Enhanced executive functions:
problem solving, attention control, task switching, & more!

Visual Phonology & Sound Phonology in Identical Brain Tissue



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

Revolution in Science Occuring Now

Not Speech

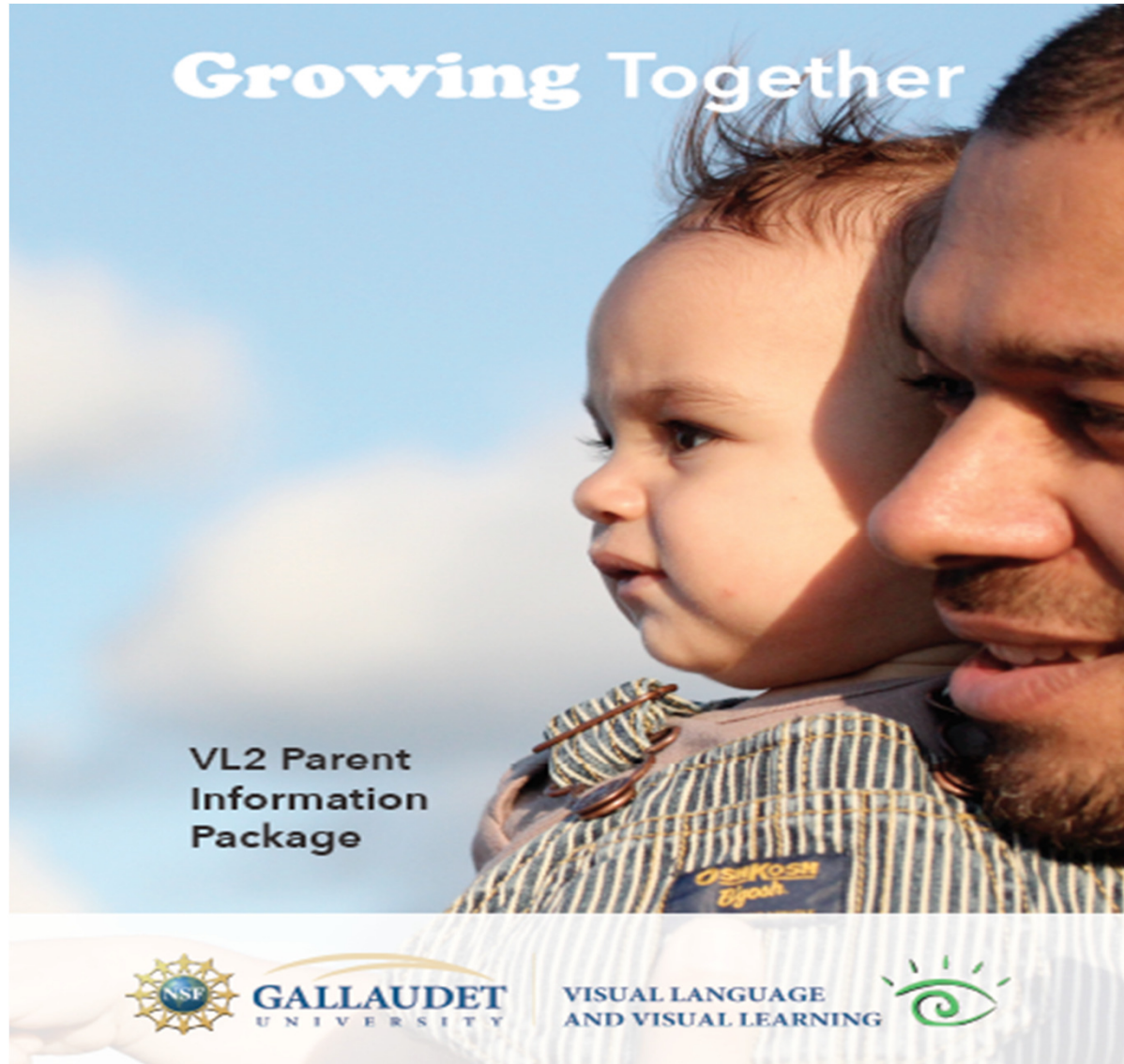


Language is “Special”



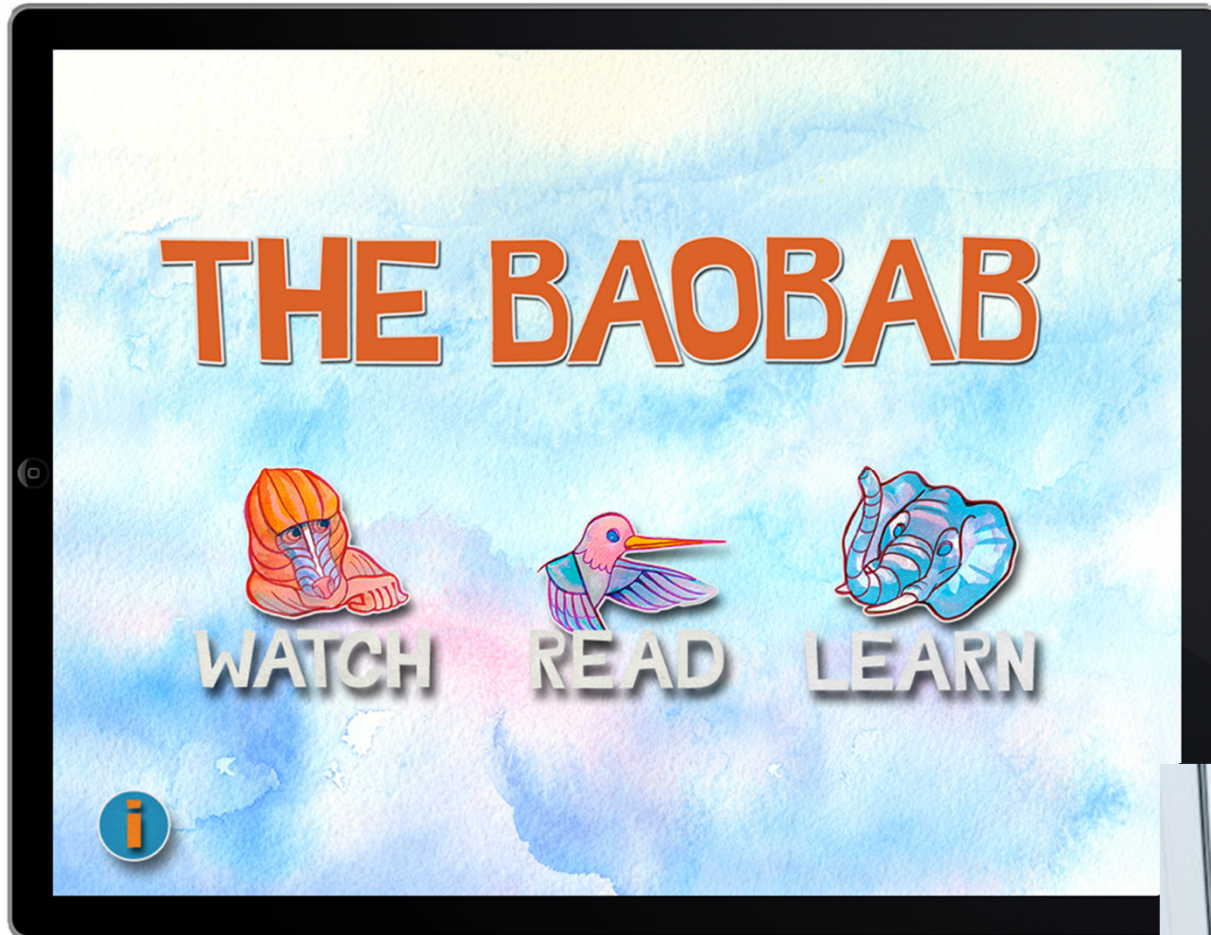
***bridging Science to
Families***

VL2 Parent Information Package



VL2 Storybook Apps:

Innovative, Research-Based, and Bilingual Approach in Storytelling



Project Lead by Melissa Malzkuhn,
VL2 Digital Innovation and Media Strategies Manager





VCSL

Visual Communication and Sign Language Checklist

for Deaf and Hard of Hearing Children



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Questions or Comments?