

Comparison of Voice and**Language****by****Gwyneth Kerr Erwin, ©2001**AgeDevelopment of Personal VoiceDevelopment of Language

Birth – 72 hours

Cries, vocalizations of sensations and needs
 Recognizes and prefers mother's voice
 Implicit Memory
 Right Hemisphere Development

Brain hard-wired to learn language

Birth - 3 months

Parents' responsiveness and ability to regulate baby
 Baby beginning to self-regulate
 Parents and baby "falling in love"

Cooing
 Long vowel sounds, like oo, aa, ee

4 – 6 months

Secure attachment
 Purposeful two-way communication

Babbling
 Purposeful gesturing

6 – 8 months

Baby making "mental notes" of voice tone and style
 Puts attention to understanding parents' communication and imitating it
 Recognizes own name
 Recognizes "Mommy" "Daddy"

Picking up clues
 Recognizes what sounds familiar, what doesn't
 Pattern formation

10 – 12 months

Discovering a conscious sense of self
 Interacting to solve problems
 8 – 10 circles of comm.
 Can make things happen

Pointing, grunting, gazing to get needs met
 Using "protowords"
 Simple first words

12 – 14 months

Discovering self and other
 Sequencing
 Linking actions with desire
 Boundaries

Identifies objects
 Nouns
 10 + words

15 – 18 months

Sense of self becoming more complex
 30 circles of communication

50 + words
 Multiple words
 Simple sentences

18 – 24 months

Creating emotional ideas
 Complex sense of self
 Greater sense of others

"Naming insight"
 Verbs
 Figures out what language is all about

<u>Age</u>	<u>Development of Personal Voice</u>	<u>Development of Language</u>
2 years	<ul style="list-style-type: none"> Understanding architecture of language Investing ideas with emotions Pretend and make-believe 	<ul style="list-style-type: none"> Different verb tenses Prepositions, plurals Some questions
2 1/2 years	<ul style="list-style-type: none"> Emotional thinking Building bridges between ideas, feelings, and actions 	<ul style="list-style-type: none"> Telegraphic speech (whole thoughts in few words)
3 years	<ul style="list-style-type: none"> Opinions Suggestions Autobiographical sense of self beginning Follows narratives Beginning interactive processing Explicit Memory Left Hemisphere Development 	<ul style="list-style-type: none"> Understands thousands of words Expressive vocabulary about 300 + words Adjectives Sentences 8 words or longer More detail
4 years	<ul style="list-style-type: none"> Humor Complex conversations Creating narratives Cross-Hemisphere communication 	<ul style="list-style-type: none"> Understands and enjoys jokes Understands and ask questions Understands and expresses concepts of who, what, where, when and why
5 years +	<ul style="list-style-type: none"> Expression of wishes, dreams, feelings, fears Compare and contrast Elaborating Exploring imagination and reality More complex processing 	<ul style="list-style-type: none"> Understands 14,000 words Expressive vocabulary of 2,500 words Learning pragmatics of language Learning they shouldn't always say what's in their mind Power of insults Curse words