

Introduction and Developmental Stages

Meet the Expert: Oriana



Oriana

Oriana: Graham Paine (1999), Milton Champion.

Language Acquisition Stages

Pre-Natal

0 – 2 months

2 – 5 months

4 – 7 months

6 – 12 months

9 – 18 months

18 – 72 months

standard
categories



Hand: Noedelhap/IStock/Thinkstock; Baby: Logendra Naidoo "Tristan on the Scanner".

Language Acquisition Stages

Pre-Natal

0 – 2 months

reflexive, vegetative

2 – 5 months

responsive cooing, laughing

4 – 7 months

babbling

6 – 12 months

reduplicative babbling

9 – 18 months

non-reduplicative babbling

18 – 72 months

all hell breaks loose



Hand: Noedelhap/IStock/Thinkstock; Baby: Logendra Naidoo "Tristan on the Scanner".

Prenatal to 7 Months

Pre-Natal

Native language discrimination.

0 – 5 months

Migration from expressive (indexical) noises.



to communicative noises



to vocal play

4 – 7 Months

A wide range of noises narrows down toward community speech sounds (phones).

Start off making all possible speech sounds

Baby: Bullet_Chained/iStock/Thinkstock



6 to 12 Months

Reduplicative Babbling

- Mama, gaga, baba
- Phonological practice, rather than communication.

Communicative intent?

- Increased control over articulators

Hand: Noedelhap/iStock/Thinkstock; Baby: Bullet_Chained/iStock/Thinkstock



9 to 18 Months

Non-Reduplicative Babbling

- Intonation and stress patterns of language.
- Sounds like Language X.
 - X = Swedish, Hindi, Basque, ...
 - Just more sophisticated practicing.
- Overlaps with word development and communicative intent.
- “Expressive jargon”

gʌkij gʌkij
gʌkij gʌkij
gʌkij...

ajno ajno ajno
ajno ajno...

bij hæpij hæpij
hæpij hæpij...



Oriana: Randy Harris

9 to 18 Months

Non-Reduplicative Babbling

Proto-words (Galen, 15 mo.)

Word	Pronunciation	Context
doh-eeee!	doo?iiiiijj	Said with complete glee and concluding with a high-pitched squeal in response to a favoured, but until-recently-absent, object. It appeared to mean something like “I can’t wait to get my hands on this favoured object which has been missing from my life lo these many momentss.” Since favoured objects often included such things as toilet paper to run off with, chairs to climb on, and other parentally discouraged items, he soon became more circumspect in his use of this expression.

9 to 18 Months

Non-Reduplicative Babbling

Proto-words (Galen, 15 mo.)

Word	Pronunciation	Context
thpthpthp	θpθpθpθp	Said with such conviction while pointing at various objects, forehead intensely puckered, or in private discussions with Doug or Teddy or big Bird, that his father came to believe Galen was learning Urdu or Klingon or Hittite on the side, perhaps all three, and was probably teach them to his stuffed animals.
beja-beja	bedʒbeʒ	
beja-bwa	bedʒʌbwə	
may-uh!	meʌ	
chebwe	tʃɛbwi	
moa	moʌ	
dubba-dubba	dəbədəbə	