



# Apples To Apples

The following milestones are expected for all children, regardless of home language

## Building Blocks for Speech

- 0-1 month – crying and vegetative sounds
- 1-6 months – cooing, laughter, squealing, growling
- 4-6 months – marginal babbling
- 6-8 months – reduplicated babbling
- 8-10 months – variegated babbling
- 8-12 months – echolalia
- 9-12 months – phonetically consistent forms
- 9-12 months – jargon

## Speech Intelligibility

- For parents: (Lynch, Brookshire & Fox, 1980)
  - 18 months - ~25% intelligible
  - 2 year olds - 50-75% intelligible
  - 3 year olds - 75%-100% intelligible
- For unfamiliar listener: (Flipsen, 2006)
  - 18 months - ~25% intelligible
  - 2 year olds - ~50% intelligible
  - 3 year olds - ~75% intelligible
  - 4 year olds - 100% intelligible

## Building Blocks for Language

- 0-1 month – crying and vegetative sounds
- 2-3 months eye gaze
- 6-9 months-- joint attention
- 9-12 months -- using gestures
- 12-15 months--following simple commands
- 18 months – symbolic play, pretend play
- 24 months – sequencing of activities
- 36 months – episodic play

## Language Trajectories

- Bilingual children develop early vocabulary at the same rate as monolingual children (Pearson, 1993).
- Early language milestones are similar (single words, lexical spurt, 2-word phrases) (Pearson and Fernandez, 2001).
- Conceptual scores are similar (Pearson, 1998).

## Vocabulary Development

- 12 months – first words (usually labeling familiar objects, and actions in child's environment)
- 15 months - 4-6-word vocabulary
- 18 months – 20-50-word vocabulary
- 24 months – 200-300 word vocabulary
- 36 months - roughly 1000 words
- Overextensions (calling all men Dada)
- Underextensions (calling a tiger Kitty)