



SPEECH & LANGUAGE MILESTONES BIRTH-5

WHAT IS SPEECH & LANGUAGE?

"Speech" can be thought of as verbal communication. It is the act of mouth, throat and vocal cords working together to produce sounds that become syllables, words, & sentences. Speech: Many carries no meaning. It is merely different sounds.

There are three main components of speech:

- Articulation (how we make each sound)
- Intelligibility (our "vocal cords")
- Fluency (fluency and rhythm)

"Language" encompasses how we use speech to communicate with others in order to communicate. Language also consists of three parts: expressive (the words a person uses to communicate), receptive (the words a person understands), and grammar (the rules of communication).



SPEECH & LANGUAGE MILESTONES BIRTH-1

SPEECH MILESTONES:

- Produces cooing/gooing sounds by 3 months
- Begins to babble around 6 months (example)
- Vocalizes p, b, m sounds
- Begins to imitate sounds (e.g., "ba ba")

LANGUAGE MILESTONES:

- Turns toward sounds
- Responds to "no"
- Cries differently for wants & needs
- Recognizes own name & family members names
- Uses gestures to communicate (e.g., reaching arms in response to "up" or waving to others)
- Begins to say "mama" or "dada" (first words usually around 12 months)
- Starts to respond to requests (e.g., "want more?" or "want up?")



SPEECH & LANGUAGE MILESTONES 1-2 YEARS

SPEECH MILESTONES:

- Around two years, child begins to use different combinations of vowels & consonants
- Speech is mostly understood by familiar people & caregivers
- Many words contain only a consonant & vowel (e.g., "da" for "dog")

LANGUAGE MILESTONES:

- Combines 2-word phrases (e.g., "more juice")
- Uses more than 50 words; understands more than 300 words
- Follows 1-step directions (e.g., "get the ball")
- Answers yes/no questions (e.g., "are you a boy?")
- Often uses gestures (e.g., pointing, reaching)



SPEECH & LANGUAGE MILESTONES 2-3 YEARS

SPEECH MILESTONES:

- Sounds p, b, m, n, w, h, s, d, k, g, ng (ling sounds, v are typically mastered)
- Speech should be 50-75% understood by an unfamiliar listener

LANGUAGE MILESTONES:

- Combines 3-word phrases (e.g., "I want juice")
- Starts to understand differences between opposites (e.g., big/little, go up/down)
- Begins to follow simple 2-step directions (e.g., "get your shoes and give them to Dad")
- Begins to name objects when requesting
- Answers simple "wh" questions (e.g., "what is this?")



SPEECH & LANGUAGE MILESTONES 3-5 YEARS

SPEECH MILESTONES:

- By age 3-3½:
 - 95% intelligible to unfamiliar listeners
 - Should produce m, n, h, w, p, t, k, b, d, g, f, y (as in yet), hw- (as in how), kw- (as in quick) & most vowel sounds
- By age 4-4½:
 - 100% intelligible to unfamiliar listeners, may have pronunciation errors
 - Should produce v, j (as in jump or giant), g (as in glow)
- By age 5-5½:
 - 100% intelligible to unfamiliar listeners, may have pronunciation errors
 - Should produce s, "sh," "th" (as in they), sp-, st-, sk-, sm-, sn-, sw-, br-, ph-, th- (as in stage), fl-, tr-, fr- (as in crackle)
- Common sound errors that may continue to present at age 5, such as:
 - k, l, a, "th" (as in think), "ch" (as in check)

LANGUAGE MILESTONES:

- Follows 3-step directions (e.g., "put your toy on the table, get your coat, and come here")
- Begins to use 4 or more words in a sentence (e.g., describing day at school)
- Answers more complicated "wh" questions (e.g., "why is he at the doctor?")
- Uses more correct grammar when speaking (e.g., plurals, past tense, pronouns)
- Starts to recognize letters & numbers



RED FLAGS

BY AGE 1, CHILD CANNOT:

- Respond to his/her name
- Begin verbalizing first words
- Have contact

BY AGE 2, CHILD CANNOT:

- Begin combining two-word phrases (e.g., "mama")
- Child does not consistently add new words to expressive vocabulary
- Child does not follow simple instructions
- Child presents with limited play skills

BY AGE 3-5, CHILD CANNOT:

- Verbalize comments without repeating parts of words or imitating sounds (e.g., "m-m-m-m-mama," "ba-ba-ba-ba")
- Seems to find the right words, describe an item or event without difficulty
- Begins combining four to five word sentences
- Be understood by both familiar & unfamiliar listeners
- Shows themselves to easily without frustration
- Correctly produce vowels & majority of speech sounds (other than s, t, d)
- Child does not ask or answer simple questions
- Child does not play alone & with peers



WHO CAN HELP (WHAT IS A SPEECH-LANGUAGE PATHOLOGIST?)

Speech-Language Pathologists (SLPs) can help! SLPs are all master's-level educated individuals working to help children & adults improve communication. SLPs provide a variety of coursework & clinical placements prior to becoming SLPs.

SLPs are licensed both by the state in which they practice & the American Speech-Language-Hearing Association (ASHA) to work with individuals of varying needs & diagnoses in the areas of articulation, expressive and pragmatic language, and phonology, fluency, voice, feeding and swallowing.

SLPs typically work in clinics, schools, hospitals, or nursing homes.



HOW TO ENCOURAGE SPEECH & LANGUAGE

Communicative temptations: create situations where a child needs to gesture, vocalize, or verbalize to have his or her needs met before giving desired object (e.g., bubble blower)

Imitations: Having a child imitate you helps him or her to produce words & sounds at appropriate times (e.g., saying "hi" to animal howl as you take them out of the box)

Expanding: using a child's language and expanding it to make it more complex (e.g., child says "ball," adult can say "that is your ball")

Build vocabulary: target and engage relevant new words (e.g., seasonal words) to help build vocabulary

Read aloud: emphasize & reinforce new words, ask questions about the story while reading, ask child to retell the story (if age appropriate)

Ask questions: posing questions about daily activities are a great way to encourage language skills, including naming & understanding functions.

Narrate everything: modeling your own speech and language can increase exposure to correct production & enhance a child's abilities.

For more information on Speech & Language Development including videos, checklists, webinars and answers to your questions visit:

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Speech Origins And Development

Suniti Kumar Chatterji



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Speech Origins And Development Book Review: Unveiling the Power of Words

In some sort of driven by information and connectivity, the ability of words has become more evident than ever. They have the capacity to inspire, provoke, and ignite change. Such is the essence of the book **Speech Origins And Development**, a literary masterpiece that delves deep to the significance of words and their affect our lives. Written by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book is key themes, examine its writing style, and analyze its overall effect on readers.

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