



SPEECH AND LANGUAGE
THERAPY PRACTICE

Phonology Norms

What sounds are substituted by other sounds and when does it resolve?

Phonological process	Example	Resolved at approximate age
Context sensitive voicing: A voiceless sound is replaced by a voiced sound.	Pig = big	3;0
Word final de-voicing: A final voiced consonant is replaced by a voiceless consonant.	Red = ret	3;0
Final consonant deletion: The final consonant in a word is omitted.	Duck = du	3;3
Fronting: When a consonant is replaced with a sound made in the front of the mouth.	Cat = tat	3;6
Consonant harmony: Pronunciation of a word is influenced by a particular sound in the word.	Dog = gog	3;9
Weak syllable deletion: Weak syllables are omitted from the word.	Butterfly = bufly	4;0
Cluster reduction: Part of the cluster is omitted from the word.	Spider = pider	4;0
Gliding of liquids: Liquid consonants are replaced by /w/ or /j/.	Rabbit = wabbit	5;0
Stopping /f/: A fricative or affricate consonant is replaced by a stop consonant.	Fun = pun	3;0
Stopping /s/: A fricative or affricate consonant is replaced by a stop consonant.	Sing = ding / ting	3;0
Stopping /v/: A fricative or affricate consonant is replaced by a stop consonant.	Van = ban	3;6
Stopping /z/: A fricative or affricate consonant is replaced by a stop consonant.	Zoo = doo	3;6
Stopping /sh/: A fricative or affricate consonant is replaced by a stop consonant.	Shoe = do	4;6
Stopping /j/: A fricative or affricate consonant is replaced by a stop consonant.	Jump = dump	4;6

<p>Stopping /ch/:</p> <p>A fricative or affricate consonant is replaced by a stop consonant.</p>	<p>Chair = tair</p>	<p>4;6</p>
<p>Stopping voiceless /th/:</p> <p>A fricative or affricate consonant is replaced by a stop consonant.</p>	<p>Thing = ting</p>	<p>5;0</p>
<p>Stopping voiced /th/:</p> <p>A fricative or affricate consonant is replaced by a stop consonant.</p>	<p>Them = dem</p>	<p>5;0</p>

Bowen, C. (1998). *Developmental phonological disorders. A practical guide for families and teachers*. Melbourne: ACER Press.

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