

SPEECH SOUND NORMATIVE DATA

(Goldman Fristoe Test of Articulation (GFTA), 2000)

Age (Years)	Initial Sound	Medial Sound	Final Sound
2	b, d, h, m, n, p	b, m, n	m, p
3	f, g, k, t, w	f, g, k, ng, p, t	b, d, g, k, n, t
4	kw	d	f
5	ch, j, l, s, sh, y, bl	ch, j, l, s, sh, z	l, ng, ch, j, s, sh, r, v, z
6	r, v, br, dr, fl, fr, gl, gr, kl, kr, pl, st	r, v	
7	z, sl, sp, sw, th	th	th

The age at which 85% of the standardization sample in the GFTA-2 correctly produces the consonant and consonant cluster sounds.

SPEECH SOUND DEVELOPMENT

What percentage of your child's speech should be understood?

Which consonants your child should be using?

By Age 2	• Speech is 50% intelligible • Child may still omit final consonants • Consonant sounds: P M B T D N W H
By Age 3	• Speech is 70-80% intelligible • Syllable shapes: CV,VC,CVC,CVCV • Consonant sounds: K G F Y
By Age 4	• Speech is 90-100% intelligible • Produces 3-4 syllable words • Consonant sounds: S Z L V 'SH' 'CH' J
By Age 5	• Speech is 100% intelligible • Produces S blends* and L blends* • Consonant Sounds: R
By Age 6	• Speech is 100% intelligible • Produces R blends* • Consonant Sounds: 'TH'

***Blend:** two adjacent consonant sounds in a word, Ex: SPoon, PLay, GReen

Sources: McLeod, S. & Crowe, K. (2018). Children's consonant acquisition in 27 languages: A cross-linguistic review. American Journal of Speech-Language Pathology, 27, 1546-1571. doi:10.1044/2018_AJSLP-17-0100 McLeod, S. (2009). Speech sound acquisition. In J. E. Bernthal, N. W. Bankson & P. Flipsen Jnr (Eds.), Articulation and phonological disorders: Speech sound disorders in children (6th ed., pp. 63-120 + 385-405). Boston, MA: Pearson Education. Bowen, C. (2011). Table 3: Elimination of Phonological Processes. Retrieved from <http://www.speech-language-therapy.com/> on [18 April 2019].

www.therapyworkstogether.com

hello@therapyworkstogether.com

1.212.655.7696