



# SPEECH SOUND DEVELOPMENT

The ages at which speech sounds develop are highly variable among children. As a result, speech sound norms should be used as a reference only when considering the need for intervention.

The age of mastery listed is based on when 75%-90% of children say the sound correctly. It is a one year range. For example, if the age of mastery is 5, children have until 5 years 11 months to master the sound.

Speech Sound Norms are Based on the following research: Arlt & Goodban (1976), Bleile (1995), Bowen (2011), Fudala & Reynolds (1986), Gordon-Brannan & Hodson (2000), Hegde (2001), Hodson & Paden (1991), Hodson (2007, 2010), Irwin & Wong (1983), Linguisticsystems (2009), McLeod & Crowe (2018), McReynolds & Elbert (1981), Pena-Brooks & Hegde (2000, 2007), Poole (1931), Prather, Hendrick, & Kern (1975), Sander (1972), Smit, Hand, Freilinger, Bernthal, & Bird (1990), Templin (1957), and Wellman, Case, Mengert, & Bradbury (1931).



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