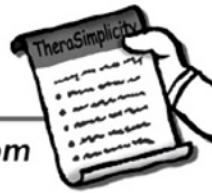


TheraSimplicity / Speech Sound Development Chart



www.therasimplicity.com

Sound	Age	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5
p		■	■													
m		■	■													
n		■	■													
h		■	■													
w		■	■	■												
b		■	■	■	■											
k		■	■	■	■	■										
g			■	■	■	■	■									
f			■	■	■	■	■	■								
d			■	■	■	■	■	■	■							
ng			■	■	■	■	■	■	■	■						
t			■	■	■	■	■	■	■	■						
j			■	■	■	■	■	■	■	■	■					
sh			■	■	■	■	■	■	■	■	■	■				
l			■	■	■	■	■	■	■	■	■	■	■			
r			■	■	■	■	■	■	■	■	■	■	■	■		
s			■	■	■	■	■	■	■	■	■	■	■	■	■	
dg			■	■	■	■	■	■	■	■	■	■	■	■	■	
ch			■	■	■	■	■	■	■	■	■	■	■	■	■	
v			■	■	■	■	■	■	■	■	■	■	■	■	■	
z			■	■	■	■	■	■	■	■	■	■	■	■	■	
TH			■	■	■	■	■	■	■	■	■	■	■	■	■	
th			■	■	■	■	■	■	■	■	■	■	■	■	■	
zh			■	■	■	■	■	■	■	■	■	■	■	■	■	

Key:

The shaded bar for each sound represents two things:
Emerging sound (left side of bar):
 Children at this age make the sound correctly 50% of the time in at least one part of the word.
Mastered sound (right side of bar):
 Children at this age make the sound correctly an average of 90% of the time across all parts of the word.
 Learning a sound can take a long time

Note for professionals:

This chart was developed using published data from the **Goldman-Fristoe Test of Articulation—Second Edition** (GFTA-2) with the permission of the publisher and Sander's (1972) method of reporting customary (average) and upper age limits of sound production. The /zh/ data are from Templin (1957) as this sound was not addressed in the GFTA-2 standardization.

References:

Goldman, R., Fristoe, M., & Williams, K. (2000). *Goldman-Fristoe Test of Articulation—Second Edition: Supplemental Developmental Norms*. Circle Pines, MN: American Guidance Service, Inc. www.agsnet.com

Sander, E. (1972). When are speech sounds learned? *Journal of Speech and Hearing Disorders*, 37, 55-63.

Templin, M. C. (1957). *Certain language skills in children: Their development and interrelationships* (Institute of Child Welfare, Monograph, No. 26). Minneapolis, MN: University of Minnesota Press.

