



# Speech Developmental Milestones

## Articulation

*The production of speech sounds*

### Acquired by:

- 2;0 - 2;11 years
- 3;0 - 3;11 years
- 4;0 - 4;11 years
- 5;0 - 5;11 years
- 6;0 - 6;11 years

*Reference: McLeod, S., & Crowe, K. (2018)*

### Sounds:

- p, b, d, m, n, h, w
- t, k, ng, g, y, f
- v, s, z, sh, ch, j, l
- th (voiced), zh, r
- th (voiceless)

## Phonological Error Patterns

*Predictable patterns of sound errors that typically developing children use to simplify speech*

### Phonological Process:

### Example:

### Eliminated by Approximately Age:

Prevocalic voicing	"big" for "pig"	3;0 years
Word-final devoicing	"pick" for "pig"	3;0 years
Final consonant deletion	"coe" for "comb"	3;3 years
Fronting	"tar" for "car", "sip" for "ship"	3;6 years
Consonant harmony	"mime" for "mine", "tittytat" for "kittycat"	3;9 years
Weak syllable deletion	"tato" for "potato", "nana" for "banana"	4;0 years
Cluster reduction	"poon" for "spoon", "keen" for "clean", "geen" for "green"	4;0 years
Gliding of liquids	"one" for "run", "weg"/"yeg" for "leg"	5;0 years
Stopping /f, s/	"tish" for "fish", "dope" for "soap"	3;0 years
Stopping /v, z/	"berry" for "very", "doo" for "zoo"	3;6 years
Stopping "sh", "j", "ch"	"dop" for "shop", "dump" for "jump", "tare" for "chair"	4;6 years
Stopping voiceless and voiced "th"	"ting" for "thing", "dem" for "them"	5;0 years

*Reference: Bowen, C. (2011)*

## Multiword Intelligibility

*The understanding and clarity of a child's speech production*

### Age:

### Understanding of unfamiliar adults with no context:

4 years	50%
5 years	75%
7 years	90%

*Reference: Husted et al. (2021)*

