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| **Age acquired** | **Speech sounds** |
| **3 years** | p b t d h w y m n ng |
| **3;6 years** | f k g s (stopping) |
| **4 years** | l sh ch v |
| **4;6 years**  | ‘l’ and ‘s’ blends |
| **5 years** | j z s (interdental)  |
| **5;6 years** | r |
| **6 years** | ‘r’ blends |
| **6;6 years** | th as in ‘thumb’th as is ‘this’ |



**ELIMINATION OF PHONOLOGICAL PROCESSES**

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| **PROCESS** | **EXAMPLE** | **GONE BY APPROXIMATELY** |
| Context sensitive voicing | pig = big | 3;0 |
| Word-final de-voicing | pig = pick | 3;0  |
| Stopping /s/ | soap = doap | 3;0 |
| Final consonant deletion | comb = coe  | 3;3 |
| Stopping /z/ | zoo = doo | 3;6 |
| Consonant harmony | mine = mimekittycat = tittytat | 3;9 |
| Weak syllable deletion | elephant = efantbanana = nana | 4;0 |
| Cluster reduction | spoon = poonclean = keen | 4;0  |

**UNUSUAL OR DISORDERED SPEECH PROCESSES**

**(never appropriate)**

**Initial consonant deletion** – deleting the first sound in a word

e.g. fish 🡪 ish or dog 🡪 og

**Medial consonant deletion** – deleting the middle sound in a word

e.g. butter 🡪 bu\_\_er or ladder 🡪 la\_\_er

**Glottal insertions** – replacing sounds with those made in the throat

e.g. sand 🡪 hand

**Backing** – where front sounds (t, d) are replaced with back sounds

e.g. tap 🡪 cap or dog 🡪 gog

**Intrusive consonants** – where a consonant is used excessively, making speech difficult to understand