

Sound Development Chart

Age at which 90% of males have acquired each phoneme and word-initial cluster

Phoneme	yrs:mo	3:0	3:6	4:0	4:6	5:0	5:6	6:0	6:6	7:0	7:6	8:0	8:6	9:0
m														
h initial														
w initial														
p														
b														
n														
d														
f														
k														
t														
g														
j initial														
f final														
v														
l														
sh														
ch														
l final														
th voiced														
dz														
th														
r														
r final voiced														
ng final														
s														
z														

Word-initial clusters	3:0	3:6	4:0	4:6	5:0	5:6	6:0	6:6	7:0	7:6	8:0	8:6	9:0
tw kw													
pl bp kl gl fl													
pr br tr dr kr gr fr													
sp st sk													
sm sn													
sw													
sl													
skw													
spl													
spr str skr													
thr													

Sound Development Chart

Age at which 90% of females have acquired each phoneme and word-initial cluster

Phoneme	yrs:mo	3:0	3:6	4:0	4:6	5:0	5:6	6:0	6:6	7:0	7:6	8:0	8:6	9:0
m														
h initial														
w initial														
p														
b														
d														
f														
k														
g														
n														
j initial y														
t														
th voiced														
l														
f final														
v														
sh														
ch														
l final														
th														
dz j														
r														
r final voiced														
ng final														
s														
z														

Word-initial clusters	3:0	3:6	4:0	4:6	5:0	5:6	6:0	6:6	7:0	7:6	8:0	8:6	9:0
tw kw													
pl bp kl gl fl													
pr br tr dr kr gr fr													
sp st sk													
sm sn													
sw													
sl													
skw													
spl													
spr str skr													
thr													