

Phonological Process Definitions

Developmental Processes	Age	Definition	Examples	
Reduplication	2	An entire syllable is repeated	water→[wawa]	bottle→[baba]
Final Consonant Del.	3	Word final consonants are deleted	cat→[cæ]	fish→[fɪ]
Early Stopping	3	Fricatives /f/ and /s/ are replaced by stops	house→[haut]	fish→[pɪ]
Initial Voicing	3	Voiceless sounds are voiced in the initial position	pig→[bɪg]	cow→[gau]
Velar Fronting	3.6	Velar /k/, /g/, /ŋ/ replaced by /t/, /d/, /n/	go→[do]	sing→[sɪn]
Weak Syllable Del.	4	An unstressed syllable is deleted	banana→[nænə]	butterfly→[bʌfai]
Reduction of /w/, /s/, /m/, /n/ clusters	4	Deletion of one of the consonant sounds in the cluster	spoon→[pun]	hand→[hæn]
Final Devoicing	4	Word final obstruents are devoiced	pig→[pɪk]	nose→[nos]
Deaffrication	4	Affricates /tʃ/, /dʒ/ are replaced by fricatives	chin→[ʃɪn]	watch→[waʃ]
Depalatalization	4	Palatals /j/, tʃ, dʒ, ʒ/ are replaced by alveolars	show→[so]	watch→[wats]
Palatalization	4	Non-palatals are replaced with palatals	so→[ʃo]	fish→[fɪʃ]
Alveolarization	4	Non-alveolars sounds replaced by alveolars	thumb→[sʌm]	mother→[mʌzə]
Labialization	4	Front non-labials replaced by labials	brother→[brʌvə]	mouth→[maʊf]
Assimilation	4	One sound influences and replaces others	dog→[gɔg]	bait→[beɪ]
Late Stopping	4.6	Fricatives /tʃ, θ, v/ are replaced by stops	this→[dɪs]	chair→[teə]
Gliding of /l/	5	Liquid /l/ is replaced by a glide	pillow→[pɪjo]	leaf→[wɪf]
Simplification of /l/ clusters	5	/l/ in a cluster is replaced with a glide	slide→[swaɪd]	blue→[bwu]
Epenthesis	6	A schwa inserted between 2 parts of a cluster	green→[gəɪn]	frog→[fəwɔg]
Metathesis	6	Two consonants are reversed or reordered	basket→[bæksɪt]	blue→[bul]
Gliding of /r/	7	Liquid /r/ is replaced by a glide	right→[waɪt]	rain→[wen]
Simplification of /r/ clusters	7	/r/ in a cluster is replaced with a glide	green→[gwin]	braid→[bred]
Vocalization	7	Liquids are replaced by vowels	mother→[mʌðə]	whistle→[wɪso]
Idiosyncratic Processes	Age	Definition	Examples	
Lateralization	3.6	Fricatives produced with lateral air emission	sheep→[ʃɪp]	sad→[ʃæd]
Vowel Distortions	3.6	Vowels may be lowered or reduced to /ə/	mad→[mʌd]	wait→[wæt]
Glottal Replacement	3.6	Consonants replaced by glottal stops	chicken→[tʃɪʔən]	money→[mʌɪ]
Backing	3.6	Front sounds are replaced with velars	zoo→[gu]	tea→[ki]
Sound Preference	3.6	One sound is used in place of many sounds	thumb→[wʌm]	sheep→[wɪp]
Initial Consonant Del.	3.6	Word initial consonants are deleted	hat→[æt]	shoe→[u]
Atypical Cluster Reduction	3.6	The unmarked (easier) element is deleted	swing→[sɪŋ]	tree→[wi]
Stops for Glides	3.6	Glides are replaced by stops	red→[bɛd]	light→[kɑɪt]
Fricatives for Stops	3.6	Stops are replaced by fricatives	bed→[sɛd]	pan→[fæn]