

Lunar Leap Word List

In Lunar Leap the words have been digitally enhanced to emphasize the rapidly changing phonetic elements within natural speech. The participant progresses through 3 speech processing levels as follows:

- Level 1: words processed with highly emphasized phonemes
- Level 2: words processed with less phoneme emphasis
- Level 3: no processing, words presented in natural speech

In each level, the participant progresses through the same 61 word sets, which are grouped by type of sound change (Initial or Final Sound Change) and consist of a target word and one alternate response. Within each sound change type, there are 6 target sounds, with multiple word sets for each sound.

The participant progresses through multiple word sets simultaneously. Within each word set, the participant progresses through 3 stages; in each stage the phoneme is changed to make the target word harder to discriminate from the alternate response (e.g., target sound is /t/, sound change type is final; Stage 1 = bit vs. bin, Stage 2 = bit vs. bib, Stage 3 = bit vs. bid).

Initial Sound Change

Set	Target Sound	Target Word	Alternate Response 1	Alternate Response 2	Alternate Response 3
1	/b/	bid	lid	kid	did
2	/b/	bit	hit	kit	pit
3	/b/	bag	nag	gag	tag
4	/b/	bud	mud	cud	dud
5	/b/	bog	jog	hog	cog
6	/b/	buck	luck	tuck	duck
7	/b/	back	sack	tack	pack
8	/b/	best	rest	west	pest
9	/p/	pip	sip	hip	dip
10	/p/	pad	sad	dad	bad
11	/p/	peg	leg	keg	beg
12	/p/	pot	rot	lot	dot
13	/p/	pug	hug	dug	bug

Lunar Leap Word List

Initial Sound Change (continued)

14	/p/	pick	sick	kick	tick
15	/p/	past	last	mast	cast
16	/d/	did	hid	rid	bid
17	/d/	dip	sip	lip	tip
18	/d/	dad	had	pad	fad
19	/d/	dog	log	fog	bog
20	/d/	dud	mud	cud	bud
21	/d/	duck	luck	puck	buck
22	/d/	dash	mash	rash	cash
23	/t/	tab	lab	cab	dab
24	/t/	tag	wag	gag	bag
25	/t/	ten	men	pen	den
26	/t/	tub	rub	cub	dub
27	/t/	tack	sack	back	pack
28	/t/	tin	win	pin	fin
29	/g/	get	net	set	bet
30	/g/	gut	hut	rut	cut
31	/g/	gag	sag	lag	bag
32	/g/	got	rot	hot	cot
33	/g/	gift	lift	sift	rift
34	/g/	gush	mush	hush	rush
35	/k/	kid	lid	bid	did
36	/k/	keg	leg	beg	peg
37	/k/	kick	sick	pick	tick
38	/k/	cap	nap	map	gap
39	/k/	cop	hop	mop	top
40	/k/	cub	hub	rub	tub
41	/k/	cash	rash	mash	dash
42	/k/	cast	fast	last	past

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Final Sound Change

Set	Target Sound	Target Word	Alternate Response 1	Alternate Response 2	Alternate Response 3
1	/b/	tub	tuck	tuft	tug
2	/b/	cob	cot	cod	cop
3	/b/	lab	last	lack	lap
4	/p/	cap	can	cat	cab
5	/p/	tip	Tim	tin	tick
6	/p/	pup	pun	pug	puck
7	/d/	bad	bath	bag	bat
8	/d/	bud	bun	buck	bug
9	/d/	did	dish	dip	dig
10	/d/	pad	path	pan	pat
11	/t/	lot	log	lost	lock
12	/t/	bit	bin	bib	bid
13	/t/	rat	rash	rag	rap
14	/g/	pig	pin	pit	pick
15	/g/	leg	left	let	led
16	/g/	bug	bus	bun	buck
17	/k/	lock	lost	loft	log
18	/k/	peck	pest	pet	peg
19	/k/	sack	sad	sash	sag