

THE INTERNATIONAL PHONETIC ALPHABET (revised to 1993)

CONSONANTS (PULMONIC)

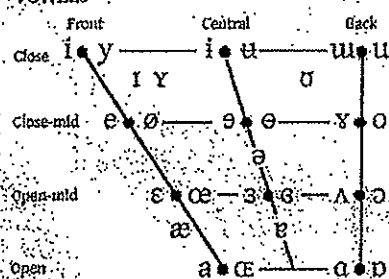
	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap or Flap				ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant		ʋ		ɹ		ɻ	j	ɰ			
Lateral approximant				l		ɭ	ʎ	ʟ			

Where symbols appear in pairs, the one to the right represents a voiced consonant. Shaded areas denote articulations judged impossible.

CONSONANTS (NON-PULMONIC)

Clicks	Voiced Implosives	Ejectives
⦿ Bilabial	ɓ Bilabial	ʼ as hu
ɀ Dental	ɗ Dental/alveolar	pʼ Bilabial
Ɂ (Post)alveolar	ɟ Palatal	tʼ Dental/alveolar
ɂ Palatoalveolar	ɡ Velar	kʼ Velar
Ƀ Alveolar lateral	ɠ Uvular	sʼ Alveolar fricative

VOWELS



Where symbols appear in pairs, the one to the right represents a rounded vowel.

OTHER SYMBOLS

- | | |
|-------------------------------------|--|
| M Voiceless labial-velar fricative | ʒ Alveolo-palatal fricatives |
| W Voiced labial-velar approximant | l Alveolar lateral flap |
| ɹ Voiced labial-palatal approximant | ʃ Simultaneous ʃ and x |
| H Voiceless epiglottal fricative | |
| ʕ Voiceless epiglottal fricative | Africates and double articulations can be represented by two symbols joined by a tie bar |
| ʔ Epiglottal plosive | If necessary |

Aspirates and double articulations can be represented by two symbols joined by a tie bar. If necessary

kp ts

SUPRASEGMENTALS

- | | | TONES & WORD ACCENTS | |
|------------------------------|--------------|----------------------|-----------------------|
| | | LEVEL | CONTOUR |
| Primary stress | ˈfoʊnəˈtɪʃən | ē or 1 | ↗ Extra high |
| Secondary stress | | ě | ↘ Rising |
| Long | eː | é | ↘ High |
| Half-long | eˑ | ē | ↘ Falling |
| Extra-short | ě | ē | ↗ Mid |
| Syllable break | ˌiː.ækt | ē | ↗ Low |
| Minor (foot) group | | ě | ↘ Extra low |
| Major (intonation) group | | ↘ | ↗ Rising-falling etc. |
| Linking (absence of a break) | | ↘ | ↗ Downstep |
| | | ↗ | ↘ Upstep |
| | | ↗ | ↘ Global rise |
| | | ↗ | ↘ Global fall |

DIACRITICS: Diacritics may be placed above a symbol with a descender, e.g. $\dot{\eta}$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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o Voiceless h d	~ Breathily voiced b a	~ Dental t d
✓ Voiced s f	~ Creakily voiced b a	~ Apical t d
^h Aspirated t^{h} d^{h}	~ Linguolabial t d	~ Labiodental t d
~ More rounded ɔ	^w Labialized t^{w} d^{w}	~ Nasalized ẽ
~ Less rounded ɔ	^j Palatalized t^{j} d^{j}	~ Nasal release d^{r}
~ Advanced t d	^y Velarized t^{y} d^{y}	^l Lateral release d^{l}
~ Retracted i	^ɣ Pharyngealized $\text{t}^{\text{ɣ}}$ $\text{d}^{\text{ɣ}}$	~ No audible release d
~ Centralized ẽ	~ Velarized or pharyngealized ɟ	
^ɹ Mid-centralized ẽ	~ Raised e (ɿ = voiced alveolar fricative)	
~ Syllabic ɹ	~ Lowered e (ɸ = voiced bilabial approximant)	
~ Non-syllabic e	~ Advanced Tongue Root e	
~ Rhoticity ɹ	~ Retracted Tongue Root e	

Figure 1
(Prior Art)

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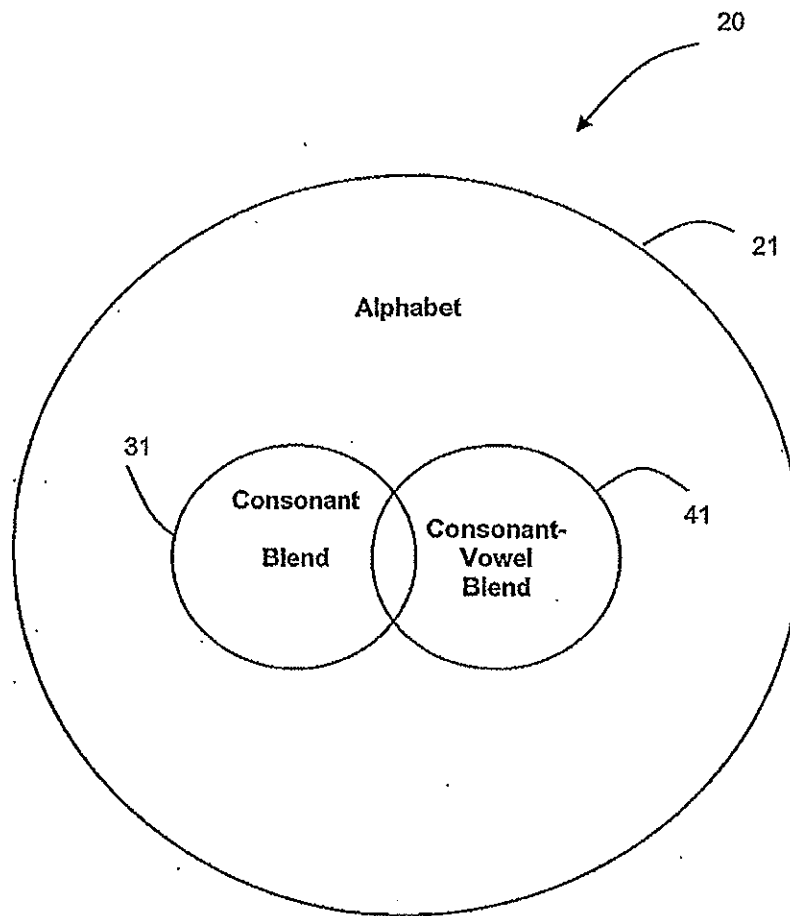


Figure 2

3/45

10

21

13

Alphabet	Word
a ~ 11	<u>a</u> pple
b ~ 12	<u>b</u> at
c	<u>c</u> ap
d	<u>d</u> og
e	<u>e</u> lephant
f	<u>f</u> ish
g	<u>g</u> ate
h	<u>h</u> ag
i	<u>i</u> n
j	<u>j</u> ug
k	<u>k</u> ite
l	<u>l</u> amp
m	<u>m</u> an
n	<u>n</u> ap
o	<u>o</u> n
p	<u>p</u> ad
qu	<u>q</u> uilt
r	<u>r</u> ed
s	<u>s</u> un
t	<u>t</u> ab
u	<u>u</u> p
v	<u>v</u> an
w	<u>w</u> ag
x	<u>x</u> box
y	<u>y</u> oyo
z	<u>z</u> oo

Figure 3

4/45

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Consonant Blend	Word
bl	<u>bl</u> and 37
br	<u>br</u> ag
cl	<u>cl</u> ap
cr	<u>cr</u> ane
dr	<u>dr</u> ain
fl	<u>fl</u> oat
fr	<u>fr</u> ame
gl	<u>gl</u> ow
gr	<u>gr</u> apes
pl	<u>pl</u> ease
pr	<u>pr</u> ide
sc	<u>sc</u> ope
scr	<u>scr</u> eam
sl	<u>sl</u> ope
sm	<u>sm</u> art
sn	<u>sn</u> ub
sp	<u>sp</u> in
spl	<u>spl</u> ash
spr	<u>spr</u> out
squ	<u>squ</u> at
st	<u>st</u> op
str	<u>str</u> uck
sw	<u>sw</u> itch
tr	<u>tr</u> uck
tw	<u>tw</u> ist
ng	<u>ng</u>
nk	<u>nk</u>

Figure 4

5/45

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32

Consonant Blend	Word
by	chubby/bystander
dy	remedy/dynamic
fy	fluffy/magnify
34 ~ gy ~ 35	37 ~ baggy ~ 36
ky	chucky
ly	dilly-dally/comply
my	astronomy/my
ny	funny
py	happy/spy
quy	colloquy
ry	carry
sy	fussy
ty	empty
vy	levy
wy	willowy
xy	proxy
zy	breezy
bly	assembly
bry	ambry
cry	mimicry/cry
dry	foundry/drip-dry
fly	butterfly
fry	deep-fry
gly	ugly
gry	hungry
ply	simply/multiply
pry	pry
sly	grisly/sly
scry	scry
spy	spy
sty	crusty/pigsty
Stry	agroforestry
try	industry/try
shy	fleshy/shy
chy	crunchy
thy	filthy

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Figure 5

6/45

41

Consonant(s) and vowel blend	Word
ba	<u>b</u> and
ca	<u>c</u> amp
da	<u>d</u> ab
fa	<u>f</u> act
ga	<u>g</u> as
ha	<u>h</u> and
ja	<u>j</u> am
la	<u>l</u> amp
ma	<u>m</u> aps
na	<u>n</u> ag
pa	<u>p</u> ant
ra	<u>r</u> ang
sa	<u>s</u> ank
ta	<u>t</u> ag
va	<u>v</u> an
wa	<u>w</u> ax
ya	<u>y</u> am
za	<u>z</u> ap
bla	<u>b</u> lank
bra	<u>b</u> rand
cla	<u>c</u> lad
cra	<u>c</u> rab
dra	<u>d</u> runk
fla	<u>f</u> lag
fra	<u>f</u> runk
gla	<u>g</u> land
gra	<u>g</u> rand
pla	<u>p</u> lank
pra	<u>p</u> ram
sca	<u>s</u> calp
scra	<u>s</u> crap
sla	<u>s</u> lang
sna	<u>s</u> nag
spa	<u>s</u> pank
spla	<u>s</u> plat
spra	<u>s</u> prang
sta	<u>s</u> tamp
str	<u>s</u> trand
swa	<u>s</u> wam
tra	<u>t</u> ramp
twa	<u>t</u> wang

42 43 45

Figure 6

7/45

41

42 ✓

Consonant(s) and Vowel Blend	Word
bo ~ 45	<u>b</u> ond
co	<u>c</u> on.tract
do	<u>d</u> ot
fo	<u>f</u> ond
go	<u>g</u> ong
ho	<u>h</u> onk
jo	<u>j</u> olt
lo	<u>l</u> ong.hand
mo	<u>m</u> ob
no	<u>n</u> on.stop
po	<u>p</u> ots
ro	<u>r</u> ods
so	<u>s</u> oft
to	<u>t</u> op.hat
vo	<u>v</u> olt
wo	<u>w</u> om.bat
blo	<u>b</u> lond
bro	<u>b</u> roth
clo	<u>c</u> log
cro	<u>c</u> roft
dro	<u>d</u> rop
flo	<u>f</u> lop
fro	<u>f</u> rost
plo	<u>p</u> lod
pro	<u>p</u> rompt
sco	ab. <u>s</u> ccond
slo	<u>s</u> lot
smo	<u>s</u> mog
sno	<u>s</u> nob
spo	<u>s</u> pot
sto	stomp
stro	<u>s</u> trong
tro	<u>t</u> rod
ob	<u>o</u> b.long
og	<u>o</u> gre
ol	<u>o</u> live

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Figure 7

8/45

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42 ~ 45

Consonant(s) and Vowel Blend	Word
bu ~ 45	<u>b</u> und
cu	occ <u>u</u> lt
du	<u>d</u> ub
fu	<u>f</u> un
gu	<u>g</u> un
hu	<u>h</u> ub
ju	<u>j</u> ump
lu	<u>l</u> ump
mu	<u>m</u> ud
nu	<u>n</u> un
pu	<u>p</u> ug
ru	<u>r</u> un
su	<u>s</u> un
tu	<u>t</u> ug
vu	<u>v</u> ulture
yu	<u>y</u> ucca
blu	<u>b</u> lunt
bru	<u>b</u> run <u>t</u>
clu	<u>c</u> lub
cru	<u>c</u> rust
dru	<u>d</u> run <u>k</u>
flu	<u>f</u> lung
glu	<u>g</u> lum
gru	<u>g</u> rub
plu	<u>p</u> lump
scu	<u>s</u> cum
scru	<u>s</u> crub
slu	<u>s</u> lump
smu	<u>s</u> mut
snu	<u>s</u> nug
spu	<u>s</u> punk
splu	<u>s</u> plutter
spru	<u>s</u> prung
stu	<u>s</u> tump
stru	<u>s</u> trum
swu	<u>s</u> wum
tru	<u>t</u> rump

~ 43

Figure 8

9/45

41

42

Consonant(s) and Vowel Blend	Sample Derivatives
bi ~ 45	ha.bi.tat ~ 43
di	han.di.cap
fi	traf.fic
gi	gift
hi	hic.cup
ji	jinx
ki	nap.kin
li	lol.li.pop
mi	mis.con.duct
ni	mi.ni.bus
pi	sand.pit
qui	quilt
ri	flo.rist
si	as.sist
ti	fan.tas.tic
vi	con.vict
wi	wig.wam
zi	zig.zag
bli	blink
bri	brisk
cli	cli.nic
cri	crisp
dri	drift
fli	flint
fri	frisk
gli	glint
gri	grim
pli	plink
pri	ap.pri.cot
ski	skint
scri	script
sli	sling
smi	gun.smith
sni	snip
spi	spin
spli	splint
spri	spring
sqi	squid
sti	stink
str	strict
swi	swim
tri	trip
twi	un.twist
in	in.struct

Figure 9

10/45

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Consonant(s) and Vowel Blend	Word
be ⁴⁵	bed, bug
de	dentist
fe	disinfect
ge	get
he	hen
je	jest
le	lend
me	cosmetic
ne	disconnect
pe	appendix
que	conquest
re	disrespect
se	antiseptic
te	discontent
ve	convent
we	cobweb
ye	yen
ze	zen
ble	blend
bre	bred
cle	cleft
cre	crept
dre	drench
fle	flex
fre	fret
gle	glen
ple	complex
pre	present
sle	slept
sme	smelt
spe	speck
sple	splendid
ste	steps
swe	swept
tre	trench
twe	twelve

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Figure 10

11/45

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Consonant(s) and Vowel Blend	Word
bow ⁴⁵	bow/bowl ⁴³
cow	cowhide
dow	dowry
fow	fowl
gow	gown
how	howl
low	low
mow	mow
now	now
pow	powder
row	rowdy/row
sow	sow
tow	town
vow	vow
yow	yowl
blow	blow
brow	brown
clow	clown
crow	crowd/crow
drow	drown
flow	flower/flown
glow	glower/glow
grow	grown/growl
plow	plow
prow	prowl
scow	scowl
slow	slow
snow	snowflake
stow	stow
trow	trowel

42

Figure 11

12/45

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Consonant(s) and Vowel Blend	Word
baw	bawl
caw	caw
daw	dawdle
faw	fawn
gaw	gawk
haw	hawk
jaw	jaw
law	lawn
maw	maw
naw	mackinaw
paw	pawn
raw	raw
saw	sawdust
taw	tawny
braw	brawl
claw	claw
craw	crawl
draw	drawl
praw	prawn
spaw	frogspawn
spraw	sprawl
straw	straw
traw	trawl

42

43

Figure 12

13/45

41

Consonant(s) and Vowel Blend	Word
bay 45	bay -leaf 43
cay	decay
day	yesterday
fay	fay
gay	nosegay
hay	haystack
jay	popinjay
lay	delay
may	dismay
nay	hogmanay
pay	payment
ray	stingray
say	essay
way	waylaid
bray	bray
clay	claypot
cray	crayfish
dray	dray
flay	flay
fray	fray
gray	grayline
play	screenplay
pray	prayer
slay	slay
splay	splay -footed
spray	spray-paint
stay	overstay
stray	stray
sway	sway
tray	ashtray
tway	twayblade

42

Figure 13

14/45

41

42 ✓

Consonant(s) and Vowel Blend	Word
boy 45	boy 43
coy	coy
doy	doyen
foy	foyer
hoy	hoyden
joy	enjoyment
loy	saveloy
noy	tannoy
poy	teapoy
soy	soy
toy	toymaker
voy	convoy
woy	woy
yoy	yoy
zoy	benzoyl
cloy	cloy
poly	unemployment
stroy	destroy
troy	troy
twoy	twoy

Figure 14

15/45

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42

Consonant(s) and Vowel Blend	Word
ber 45	amber 43
der	consider
fer	buffer
ger	anger
her	herbivore
jer	jerk
ker	beaker
ler	antler
mer	drummer
ner	banner
per	bumper
quer	query
rer	caterer
ser	lesser
ter	chatterbox
ver	converting
wer	blower
yer	player
zer	blazer
bler	trembler
brer	brer
cler	clergy
fler	muffler
pler	sampler
sker	whiskers
sper	prosper
squer	squer
ster	administer
twer	twerp
cher	teacher
sher	fisherman

Figure 15

16/45

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Consonant(s) and Vowel Blend	Word
can _ cane 45	confiscate
bon _ bone	boneshaker
fun _ fume	cucumber
fin _ fine	computerize
-	antelope

42

43

Figure 16

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Consonant(s) and Vowel Blend	Word
ble 45	bubble
cle	cuticle
dle	handle
fle	shuffle
gle	bangle
kle	sprinkle
ple	temple
sle	hassle
tle	dismantle
xle	axle
zle	dazzle

42

43

Figure 17

17/45

41

42

43

Consonant(S) and Vowel Blend	Word
bar ⁴⁵	bar
car	car
dar	dark
far	far
gar	garden
har	harvest
jar	jar
lar	lard
mar	march
nar	narcotic
par	parchment
quar	quarter
rar	registrar
sar	sarcastic
tar	target
var	varnish
war	war
yar	yard
zar	alcazar
clar	clart
scar	scarf
smar	smart
snar	snark
spar	spark
squar	square
star	start
strar	Registrar

Figure 18

18/45

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Consonant(s) and Vowel Blend	Word
bor 45	borrow
cor	corner
dor	corridor
for	format
gor	gorge
hor	thorn
jor	jorum
lor	lord
mor	morbid
nor	north
por	import
sor	consort
tor	bistort
vor	divorce
yor	york
zor	zorbing
blor	temblor
flor	flor
fror	afromosia
scor	scorn
snor	snort
spor	sport
squor	squor
stor	storm
tror	introrse
swor	sworn

42 ✓ 43

Figure 19

19/45

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Consonant(s) and Vowel Blend	Word
bur 45	burn 43
cur	curl
dur	siddur
fur	furbish
gur	gum
hur	hurdle
lur	blurt
mur	murk
nur	nurse
pur	purchase
rur	rur
sur	insurmountable
tur	turn
vur	vur
wur	wurst
yur	yurt
zur	zur
blur	blurt
plur	splurt
scur	scurf
slur	Slurp
smur	smur
spur	spum
splur	splurge
stur	sturdy

42

Figure 20

20/45

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Consonant(s) and Vowel Blend	Word
bir 45	bird 43
dir	dirt
fir	fir
gir	girth
jir	jird
kir	kirk
mir	mirth
quir	quir
rir	rir
sir	sirloin
tir	stirk
yir	yir
flir	flirt
grir	grir
skir	skirt

42 ✓

Figure 21

41

Consonant(s) and Vowel Blend	Word
ack 45	track 43
ock	clock
uck	duck
eck	check
ick	click

42 ✓

Figure 22

21/45

41

42 ✓ 45 ✓

Consonant Blend	Word
all	all
ball	ball
call	call
fall	fall
gall	gall
hall	hall
mall	mall
pall	pall
rall	overall
sall	tattersall
tall	tall
wall	wall
prall	pralltriller
small	small
spall	spall
squall	squall
stall	stall
thrall	thrall

43

Figure 23

22/45

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Consonant Blend	Word
42 boll 45	43 boll
coll	collect
doll	doll
fol	folly
goll	golliwog
holl	holly
joll	jolly
loll	lollop
moll	molly
poll	pollex
swoll	swollen
coll	collect
quoll	quoll
groll	congruence
stoll	stollen
troll	troll

Figure 24

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Consonant Blend	Word
cull	cull
dull 45	dull
gull	gull
lull	lull
null	null
sull	sullen
crull	cruller
scull	scull

42

43

Figure 25

24/45

41

42

45

K3

Consonant Blend	Word
bill	bill
dill	dill
fill	fill
gill	gill
hill	hill
kill	kill
lill	picalilli
mill	mill
will	willy-nilly
zill	zillion
brill	brill
drill	drill
frill	frill
grill	grill
prill	prill
quill	quill
sill	sill
rill	rill
till	till
will	will
pill	pill
skill	skill
spill	spill
squill	squill
still	still
trill	trill
twill	twill
shrill	shrill
thrill	thrill
chill	chill
shill	shill

Figure 26

25/45

41

42

Consonant Blend	Word	43
bell 45	bell	
dell	dell	
fell	fell	
hell	hell	
jell	jelly	
pell	pell-mell	
quell	quell	
rell	mozzarella	
sell	sell	
tell	tell	
vell	vellum	
well	well	
smell	smell	
spell	spell	
strell	pipistrella	
trell	trellis	

Figure 27

26/45

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42 ✓

Consonant Blend	Word
bed 45	webbed 43
ded	bonded
fed	stuffed
ged	logged
shed	brushed
ched	fetch <u>ed</u>
ked	hooked
led	skilled
med	armed
ned	drained
ped	napped
red	tempered
sed	kissed
ted	fitted
ued	subdued
ved	reserved
wed	stewed
yed	overjoyed
zed	sized

Figure 28

27/45

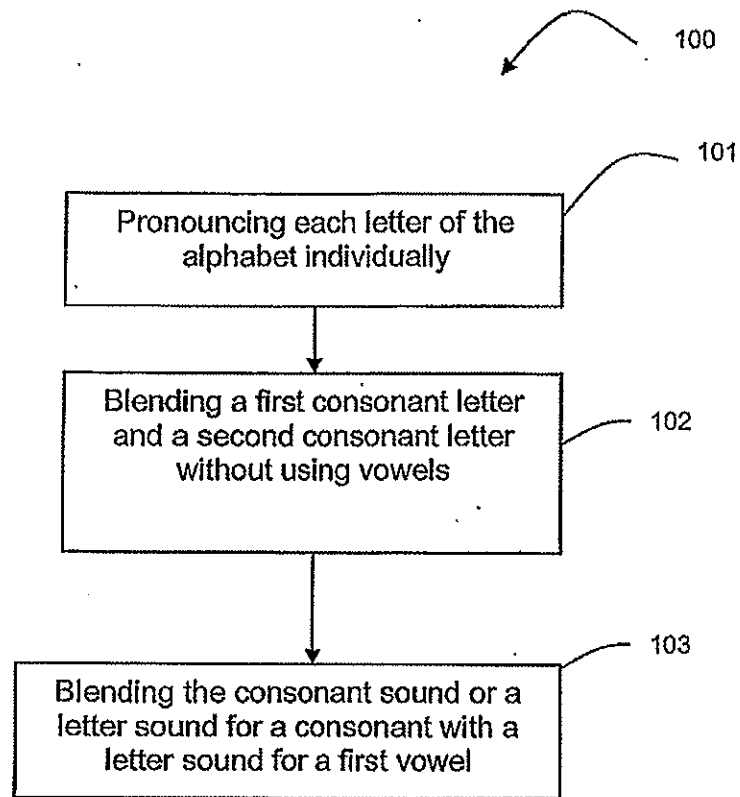


Figure 29

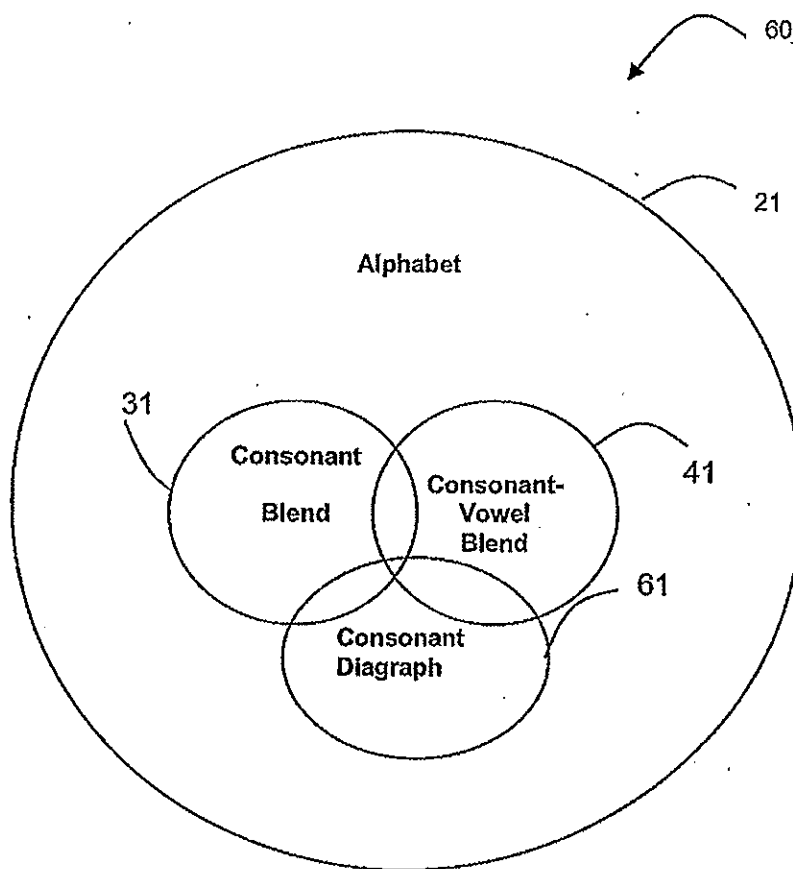
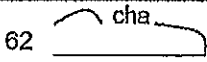


Figure 30

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61

	Consonant Diagraph and Vowel Blend	Word
1.	62  11	chatting
2.	cho	chopping
3.	chu	chunk
4.	chi	chimpanzee
5.	che	chestnut
6.	choo	choose
7.	chee	cheek
8.	ching	munching
9.	chea	cheating
10.	ach	detach
11.	atch	hatching
12.	otsh	blotch
13.	uch	duchess
14.	utch	crutch
15.	ich	sandwich
16.	itch	switch
17.	etch	stretch
18.	ooch	ooch
19.	eech	speech
20.	each	breach

63

Figure 31

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61

	Consonant Diagraph and Vowel Blend	Word
1.	62 ✓ tha ~ //	thank 63
2.	thro	thorax
3.	thu	thump
4.	thi	thick
5.	the	anesthetic
6.	thee	thee
7.	thing	bathing
8.	ther	thermometer
9.	the	anthem
10.	ath	athletic
11.	oth	cloth
12.	lth	withstand
13.	eth	polyethylene
14.	ooth	toothbrush
15.	eeth	teething
16.	erth	berth

Figure 32

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63

	Consonant Diagraph and Vowel Blend	Sample Derivatives
1	62 ✓ sha ~ 11	shampooing ~ 63
2	sho	slipshod
3	shu	shutting
4	shi	shillings
5	she	shedding
6	shoo	bamboo shoots
7	shee	sheep
8	ash	splashing
9	osh	gosh; slosh;
10	ush	mushrooms
11	ish	astonishing
12	esh	flesh
13	shing	vanishing
14	shr	shrunk

Figure 33

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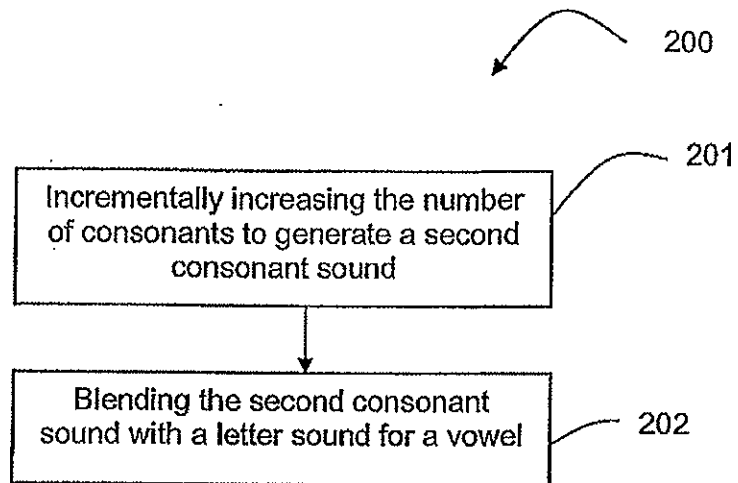


Figure 34

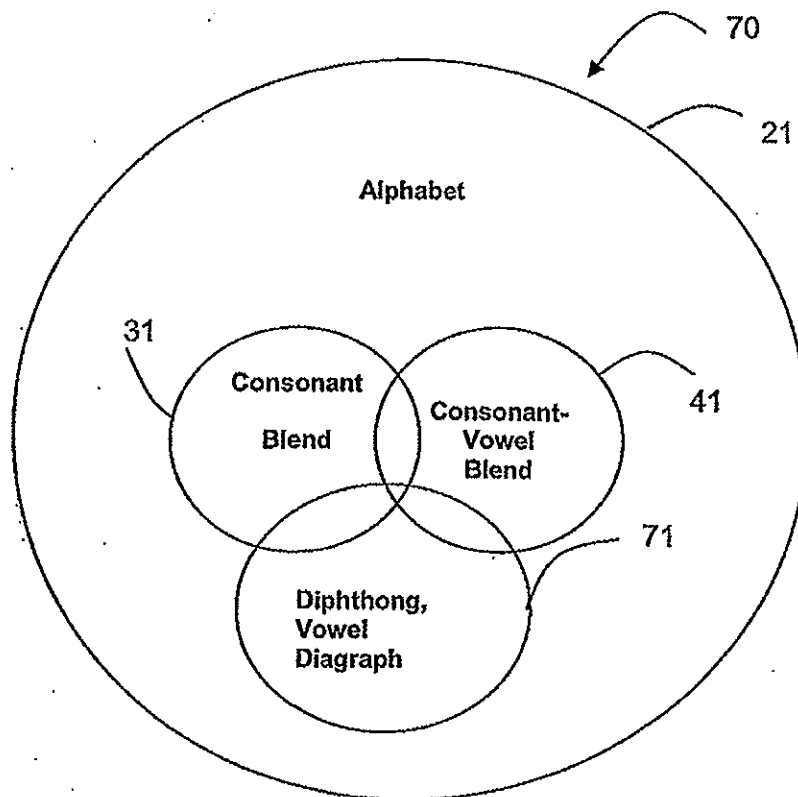


Figure 35

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71

Consonant and Diphthong Blend	Word
12 ✓ bloo 72	bloom
boo	scrap-book
broo	broom
coo	cool.bag
croo	crook
doo	doom
droo	drool
foo	fool.proof
gloo	gloom
goo	good
groo	groom
hoo	hood.wink
loo	loop
moo	moon.lit
noo	nook
poo	crampoon
proo	rust.proof
roo	roost
scoo	scoop
scroo	scrooge
sloo	sloop
smoo	smooth
snoo	snook
soo	mon.soon
spoo	spoon.fed
stoo	stoop
swoo	swoop
too	splittoon
troo	troop
voo	voodoo
woo	drift.wood
zoo	zoom

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Figure 36

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71

Consonant and Diphthong Blend	Word
bai ~ 72	bail
cai	cocaine
dai	disdain
fai	fainted
gai	gain
hai	hail
jai	jail
lai	laid
mai	mainstream
nai	finger nail
pai	painkiller
quai	acquainted
rai	raindrops
sai	sailcloth
tai	abstaining
vai	prevail
wai	waistband
blai	chilblain
brai	braid
clai	claim
drai	drainpipe
flai	flail
frai	frail
grai	grain
plai	complaint
prai	appraise
slai	slain
snai	snail
sprai	sprain
squai	squai
stai	stain
stral	constraint
trai	trail
twai	twain
ai	ailment

73

Figure 37

35/45

71

B

Consonant and Diphthong Blend	Word
bee ~ 72	beet.root
blee	bleep
bree	breed
cree	in.dis.creet
dee	at.ten.dee
dree	dreel
fee	toffee
flee	fleeing
free	freehand
gee	geese
glee	gleeful
gree	pe.de.gree
hee	heel
lee	leek
mee	meet
nee	ma.ti.nee
pee	peel
pree	preen
quee	queen
ree	reel
scree	wind.screen
see	seem
skee	skeet shooting
snee	sneeze
spee	speed.limit
splee	spleen
spree	spree
squee	squeeze
stee	steel.wool
stree	street
swee	sweeping
tee	sub.com.mit.tee
tree	tree.top
twee	tweet
vee	levee
wee	week.end

Figure 38

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71

Consonant and Diphthong Blend	Word
12 ~ bea ~ 72	beading ~ 73
dea	dealing
fea	feasting
hea	healing
jea	jeans
lea	leaking
mea	meaningful
nea	Neat
pea	peanut
quea	bequeath
rea	reading
sea	seaweed
tea	tease
vea	veal
wea	weakling
yea	yeast
zea	zeal
blea	bleak
brea	bream
clea	cleaning
crea	creaking
flea	Flea market
frea	freakish
glea	Gleaming
grea	grease
plea	pleading
prea	preaching
screa	screaming
slea	sleazy
snea	sneaking
spea	speaking
sprea	spread
squea	squeamish
stea	steamships
strea	streaking
trea	treating
twea	tweak

Figure 39

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71

Consonant and Diphthong Blend	Word
<i>boi ~ 72</i>	<i>boil ~ 73</i>
coi	coil
doi	doily
foi	foil
goi	golfer
hoi	hoist
joi	joint
loi	loiter
moi	moist
noi	noise
poi	point
quoi	quoit
roi	asteroid
soi	soil
toi	toil
voi	void
zoi	epizoid
bloi	tabloid
broi	broiler
cloi	cloister
droi	dendroid
groi	groin
smoi	prismoid
spoi	spoilt
stoi	mastoid
stroï	asteroid
troi	introit

Figure 40

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71

Consonant and Diphthong Blend	Word
12 ✓ boā ~ 12	boast ~ 73
coa	coaster
foa	foal
goa	goal
hoa	hoax
loa	loaf
moa	moat
poa	poach
roa	throat
soa	soap
toa	toad
woa	woad
bloa	bloat
broa	broast
cloa	cloak
croa	croak
floa	float
gloa	gloat
groa	groan
proa	approach
stoa	stoat

Figure 41

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71

Consonant and Diphthong Blend	Word
12 ~ bou ~ 72	bounce ~ 73
cou	counterfoil
dou	dout/douse
fou	found
gou	gout
hou	hound
lou	loud
mou	mouse/mould
nou	noun
pou	pouch/poultry
rou	round/roup
sou	south
tou	tout
vou	voucher
wou	wound
you	you
blou	blouse
clou	cloud
crou	crouch
flou	flounder
grou	ground
prou	proud
scou	scout
scrou	scrounge
slou	slouch
smou	/smoulder
snou	snout
spou	spout
sprou	sprout
stou	stout
trou	trout

Figure 42

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71

Consonant and Diphthong Blend	Word
12 bau ~ 72	bauble ~ 73
cau	caustic
dau	daunt
fau	faulty
gau	gaudy
hau	haul
jau	jaunt
lau	launch
mau	maudlin
nau	nautilod
pau	pauper
rau	hydraulic
sau	sausage
tau	taunt
vau	vault
wau	caterwaul
clau	clause
flau	flaunt
frau	frau
plau	plaudit
scau	scaup
stau	staunch
trau	traumatic

Figure 43

71

Consonant(s) and vowel blend	Word
17 ~bale~ 72	clubbable ~ 73
cable	applicable
dable	biodegradable
fable	affable
gable	navigable
kable	drinkable
lable	compellable
mable	flammable
nable	indeterminable
pable	inescapable
quable	equable
rable	vulnerable
sable	indispensable
table	discreditable
vable	uncultivable
yable	enjoyable
zable	sizable
blable	semblable
crable	execrable
iable	identifiable
spable	ungraspable
stable	adjustable
strable	indemonstrable
trable	impenetrable
shable	imperishable
chable	irreproachable
thable	breathable

Figure 44

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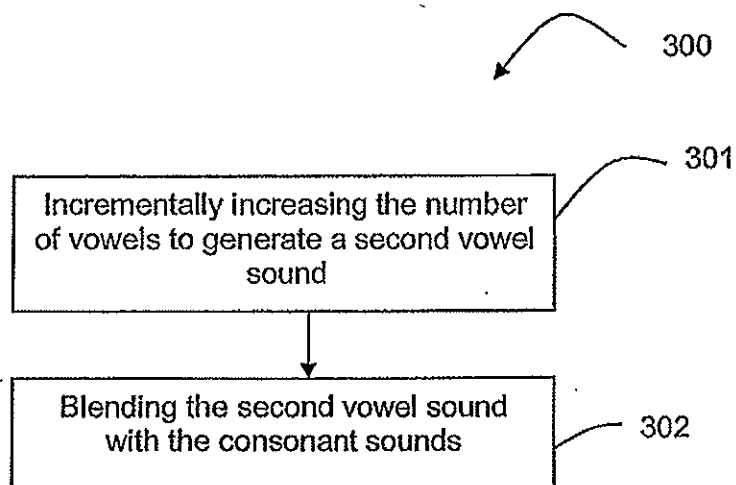


Figure 45

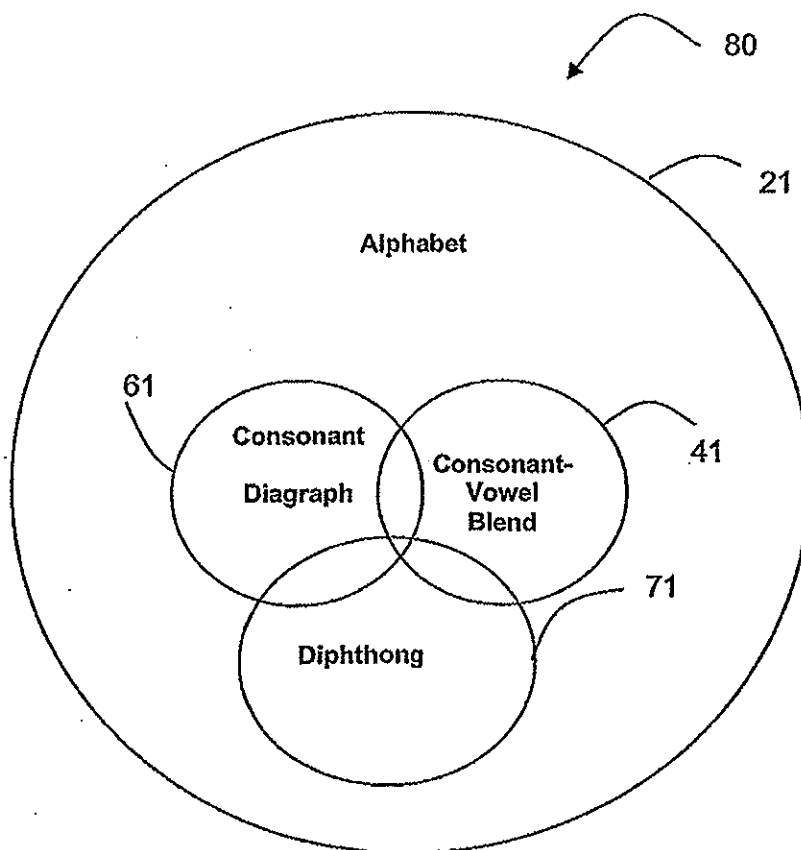


Figure 46

80

Consonant, diagraph, and monophthong/diphthong blend	Word
ass  81	seabass  83
oss	boss
uss	fuss
ess	mess
iss	miss
oose	goose
eeese	cheese
erse	converse
82 ease	lease
ase	chase
ese	chinese
ise	franchise
ose	compose
use	diffuse
aise	praise
oise	poise
ouse	blouse
owse	browse
ause	pause
awse	hawse
lse	convulse
nse	suspense
pse	collapse
rse	disperse
yse	electrolyse

Figure 47

80

Consonant diagraph and monophthong/diphthong blend	Word
81 azz ~ 81	jazz 83
izz	frizz
uzz	buzz
<u>a</u>	blaze
<u>e</u>	trapeze
<u>i</u>	prize
<u>o</u>	doze
<u>u</u>	fuze
oo	snooze
ee	freeze
dze	adze
nze	bronze

Figure 48

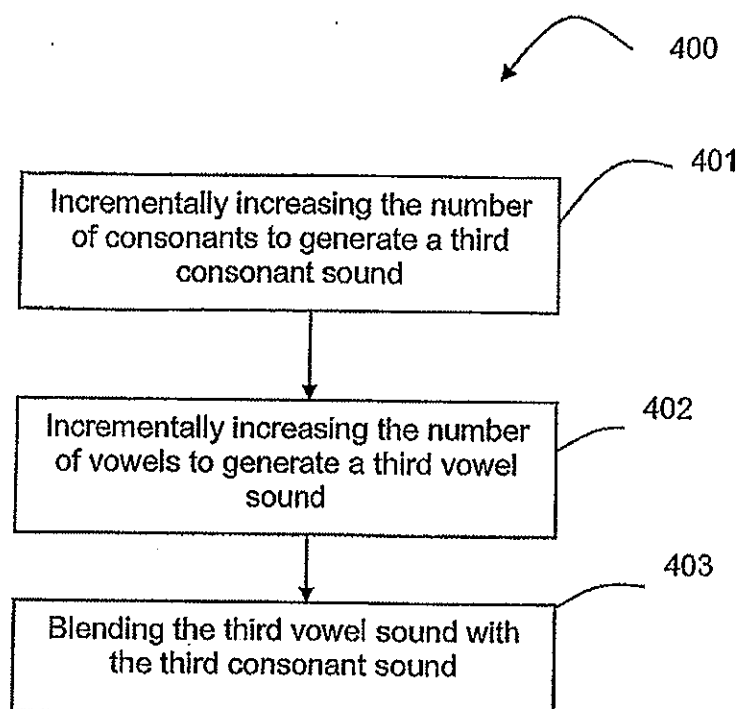


Figure 49