

Vowel Valley Sound Wall

The diagram illustrates the 'Vowel Valley Sound Wall' with various vowel sounds and their corresponding mouth positions. The background is a scenic view of a mountain valley.

- Tight Smile:** /e/ (eagle), /i/ (pig), /æ/ (ape), /oi/ (koi), /ow/ (cow)
- Short Schwa:** /ə/ (eagle), /ɪ/ (pig)
- Slightly Opened:** /ɒ/ (ape), /ɛ/ (gecko), /ɑ/ (bodger), /ɔ/ (ibex), /ɔ/ (otter)
- Long Schwa:** /u/ (buffalo)
- Fully Opened:** /aw/ (hawk), /ɔ/ (otter)
- Puckered Lips:** /oo/ (rooster), /oo/ (woodpecker), /u/ (mule), /er/ (ermine), /or/ (shark), /or/ (orca)

Short Vowel Valley Sound Wall

/ɪ/ 
 as in pig
 i
 _y



	i	
	i	
	i	
	y	

/ɛ/ 
 as in gecko
 e _ea



	e	
	e	
	e	a
	e	a

/ă/ 
 as in badger
 a



	a	
	a	
	a	
	a	

/ɒ/ 
 as in otter
 o



	o	
	o	
	o	
	o	

/ʊ/ 
 as in buffalo
 u



	u	
	u	
	u	
	u	

Long Vowel Valley Sound Wall

/ē/

as in eagle

e [c]ei ea

_ee

ie

e_e



_y_ey

	e	e	
			e
	e	a	
		i	e
			y
	e		e
		e	y

/ā/

as in ape

a

_ay

a_e

ai_



ei[gh]

/ī/

as in ibex

i i_e

_igh

_y

_ie



	i	g	h
	i		e
			y
		i	e

		u	
	u		e
		e	w
		u	e

/ū/

as in mule

u

u_e

_ew

_ue



/ō/

as in okapi

o o_e

oe oa

ow



		o	
		o	e
		o	a
		o	w

	a			
	a	y		
	a	e		
	e	i	g	h

Diphthongs Valley Sound Wall

/oi/ 

as in koi
oi_ _oy



	o	i	
	o	i	
		o	y
		o	y

/ow/


as in cow



	o	w	
	o	w	
		o	u
		o	u

	a	w			
	a	u	g	h	t
		a	u		
		a	l		
		a	l	l	

/aw/ 

as in hawk
aw au
augh[t]
a[l]
a[l]



	o	o			e	w
		u	e		u	
		u	i		e	u
		u	e			

/oo/ 

as in rooster
oo _ue _ui
u_e _ew u
_eu



/oo/ 

as in woodpecker
oo
u



r-Controlled Vowel Valley Sound Wall

Listen to the audio files and type in the text boxes.

/er/ 

as in ermine

er
ir
ur



	e	r	
		i	r
	u	r	

/ar/ 

as in shark

ar



	a	r	
		a	r
	a	r	
	a	r	

/or/ 

as in orca

or
ore



	o	r		
		o	r	e
	o	r		
	o	r		

Consonant Sound Wall

v=voiced

STOPS

AFFRICATES

NASALS



/p/ as in puffin
p


/b/ v as in bear
b


/t/ as in tiger
t


/d/ v as in dog
d


/k/ as in kangaroo
k[ɪ] _c _ck
dʒ(a,u)


/g/ v as in goose
g(a,o,u)


/tʃ/ as in cheetah
ch _tch


/dʒ/ v as in jackrabbit
j g[eɪ]y
_ge _dge


/m/ as in mouse
m


/n/ as in newt
n kn_ 

/ŋ/ as in lemming
_ng _n


FRICATIVES



/s/ as in seagull
s
c(eɪ)y


/z/ v as in zebra
z _s


/θ/ v as in python
th_ 

/θ/ as in sloth
th_ 

/ʃ/ as in sheep
sh _ci_ _si_ _ti_ 

/ʒ/ as in television
_ge _s_ 

/f/ as in ferret
f ph 

/v/ as in vulture
v 

/h/ as in horse
h 

GLIDES

LIQUIDS

2 SOUNDS



/y/ v as in yak
y 

/wh/ as in whale
wh_ 

/w/ v as in wolf
w 

/r/ as in raccoon
r wt_ 

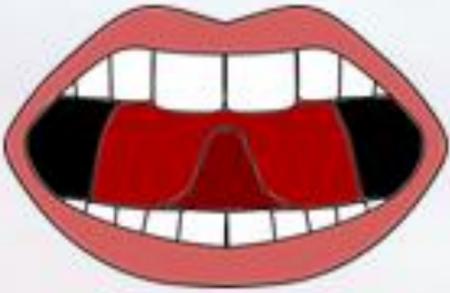
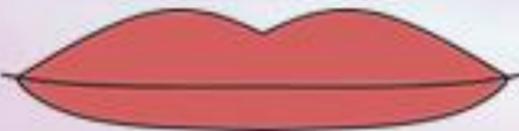
/l/ as in lion
l 

/x/ as in fax
x 

/q/ as in quail
qu_ 

Consonant Sound Wall Stops

v=voiced



/p/ 
 as in puffin
 p



/b/  **V**
 as in bear
 b



/t/ 
 as in tiger
 t



/d/  **V**
 as in dog
 d



/k/ 
 as in kangaroo
 k[i,e]
 _c
 _ck



c[a,o,u]

/g/  **V**
 as in goose
 g[a,o,u]



p	
p	
	p
	p

b	
b	
	b
	b

t	
t	
	t
	t

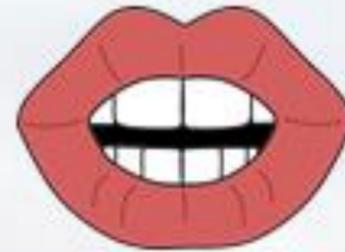
d	
d	
	d
	d

k	i	
k	e	
	c	k
	c	k

g	a	
g	o	
g	u	
		g
		g

Consonant Sound Wall Affricates

v=voiced



/ch/ 
as in
cheetah
ch _tch


/j/  **v**
as in
jackrabbit
j g[e,i,y]
_ge 
_dge

c h

j

c h

j

c h

j

t c h

j

Consonant Sound Wall **Nasals**



/m/ 
 as in
 mouse
 m 

/n/ 
 as in newt
 n kn_ 

/ng/  
 as in
 lemming
 _ng _n 

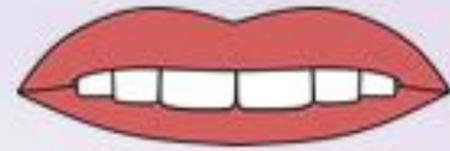
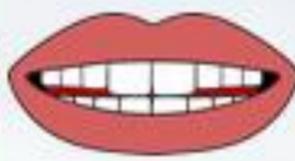
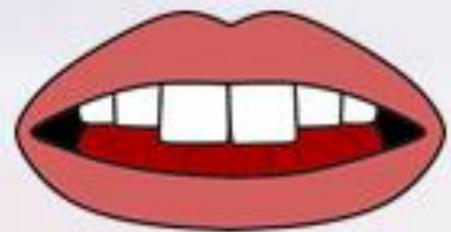
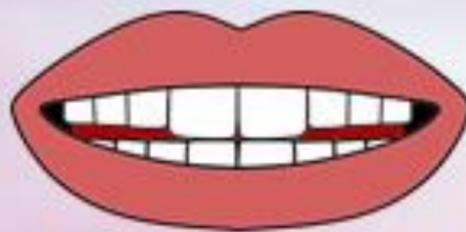
m	
m	
	m
	m

n	
k	n
	n
	n

	n	g
	n	g
	n	
	n	

Consonant Sound Wall Fricatives

v=voiced



/s/ 
 as in seagull

 s
 c[e,i,y]

/z/  v
 as in zebra
 z
 _s


/th/  v
 voiced as in python
 th_


/th/ 
 unvoiced as in sloth
 th


/sh/ 
 as in sheep
 sh _ci_
 si
 ti


/zh/  
 as in television
 _ge _s_


/f/ 
 as in ferret
 f ph


/v/ 
 as in vulture
 v


/h/ 
 as in horse
 h


s	
s	
	s
	s

z	
z	
	z
	s

t	h
t	h
t	h
t	h

t	h
t	h
	t h
	t h

s	h
s	h
	s h
	s h

	s
	s i
	g e
	g e

f	
f	
	f
	p h

v	
v	
	v
	v

h	
h	
	h
	h

Consonant Sound Wall Glides



/y/  V
as in yak
y



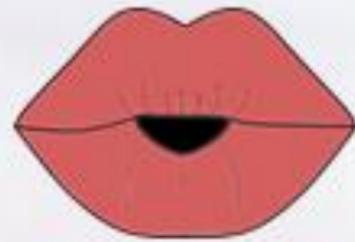
y

y

b y

y i n g

y s



/wh/ 
as in
whale
wh_



w h

w h

w h

w h

/w/ 
as in wolf
w



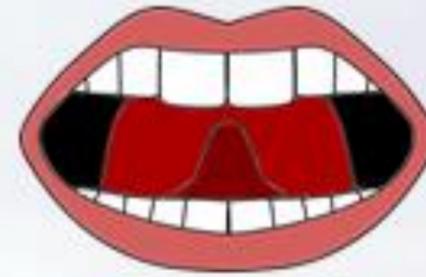
w

w

w

w

Consonant Sound Wall Liquids



/r/ 
as in
raccoon
r
wr_ 

/l/ 
as in **lion**
l


r	
r	
r	
r	

l	
l	
	l
	l

Consonant Sound Wall 2 Sounds



/x/  
 as in fox
 x 

	x
	x
	x

/q/  
 as in quail
 qu_ 

q	u	
q	u	
q	u	