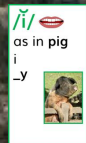


# Vowel Valley Sound Wall



Tight Smile

Short Schwa

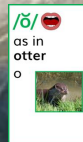


Slightly Opened



Long Schwa


Fully Opened




Puckered Lips



# Short Vowel Valley Sound Wall

**/ĭ/**   
as in pig  
i  
\_y



	i	
	i	
	i	
	y	

**/ĕ/**   
as in gecko  
e \_ea





	e	
	e	
	e	a
	e	a

**/ă/**   
as in badger  
a





	a	
	a	
	a	
	a	

**/ŏ/**   
as in otter  
o



	o	
	o	
	o	
	o	

**/ŭ/**   
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

c e i

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 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  
\_ow  
ou\_



		o	w	
		o	w	
		o	u	
		o	u	

		a	w		
	a	u	g	h	t
		a	u		
		a	i		
		a	i	i	

/aw/ 

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



		o	o	
		u	e	
		u	i	
		u		e
		e	u	

/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/   
as in bear  
b  




/t/   
as in tiger  
t  


/d/   
as in dog  
d  




/k/   
as in kangaroo  
k[ɪ,e]  
\_c  
\_ck  
c(a,o,u)  



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





/ch/   
as in cheetah  
ch \_tch  


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




/m/   
as in mouse  
m  




/n/   
as in newt  
n kn\_  








/ng/   
as in lemming  
\_ng \_n  




## FRICATIVES





/s/   
as in seagull  
s  
c[e,i,y]  




/z/   
as in zebra  
z \_s  
c[e,i,y]  






/th/   
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  


## GLIDES

## LIQUIDS


## 2 SOUNDS



/y/   
as in yak  
y  




/wh/   
as in whale  
wh\_  


/w/   
as in wolf  
w  




/r/   
as in raccoon  
r wr\_  






/l/   
as in lion  
l  




/x/   
as in fox  
x  

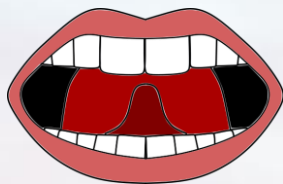



/q/   
as in quail  
qu\_  




# Consonant Sound Wall Stops


v=voiced




**/p/**   
as in  
puffin  
p



p	
p	
	p
	p

**/b/**  **v**  
as in bear  
b



b	
b	
	b
	b

**/t/**   
as in tiger  
t



t	
t	
	t
	t

**/d/**  **v**  
as in dog  
d



d	
d	
	d
	d

**/k/**   
as in  
kangaroo  
k[i,e]  
\_c  
\_ck  
c[a,o,u]



k	i	
k	e	
	c	k
	c	k

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



g	a	
g	o	
g	u	
		g
		g

# Consonant Sound Wall Affricates

v=voiced



**/ch/**   
as in  
**cheetah**  
ch \_tch  


c h

c h

c h

t c h

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


j



j

j

j

# Consonant Sound Wall Nasals



**/m/**   
 as in  
**mouse**  
 m 

m	
---	--

m	
---	--

	m
--	---

	m
--	---

**/n/**   
 as in **newt**  
 n kn\_ 

n	
---	--

k	n	
---	---	--

	n
--	---

	n
--	---

**/ng/**   
 as in  
**lemming**  
 \_ng \_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  

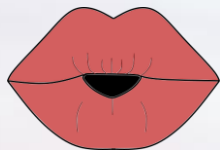

y



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



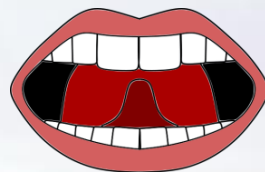
**/r/**   
as in  
**raccoon**  
r  
wr\_ 



r

r

r

r



**/l/**   
as in **lion**  
l 

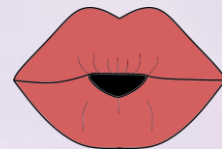
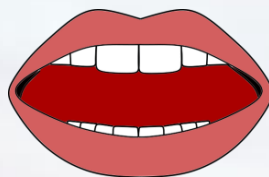
l

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	
---	---	--