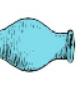
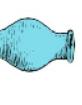
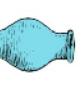
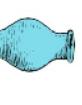
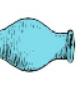
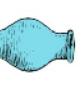
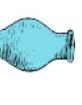


40L Consonant and Vowel Charts in Color

40L Consonant Chart in Color

 p	 b	 m
 wh	 w-	
 f	 v	
 THE END	 th	
 t	 d	
 z	 n	
 s	 Y-	
 ch	 YIELD	
 k	 zh	
 ck	 sh	
 qu	 ng	
h—		

Syllable Division

Divide between 2 consonants; before 1 (rab-bit; ra-dar, sun-lit; o-pen)

Divide between 2 words (sail-boat, lip-stick)

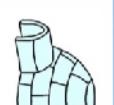
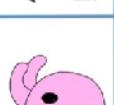
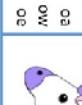
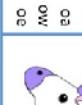
Divide between unsounded vowel teams (ra-di-o, me-ow, cas-u-al)

Divide after prefixes; before suffixes (pre-fix, be-fore; faith-ful, hap-pi-ness)

Divide 1 letter before -le; directly before -el (ta-ble, ket-tle; level, reb-el)

EA	<u>IA</u>	OA	<u>UA</u>
EE	<u>IE</u>	OE	<u>UE</u>
EI	<u>II</u>	OI	UI
<u>AO</u>	<u>EO</u>	<u>OO</u>	<u>YO</u>
AU	EU	<u>IU</u>	OU
AW	EW	OW	
AY	<u>Y</u>	OW	UY

Vowel Chart in Color

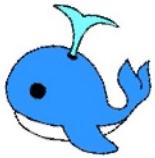
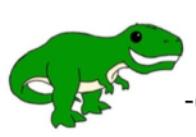
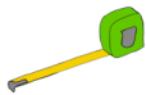
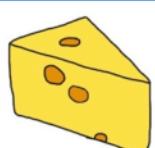
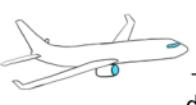
 a	 e	 i	 o	 u
a-e ai, ay ei, ey	e-e ee ea	i-e igh y uy	o-e oa ow oo	u-e eu, ew ue ui
 au	 ou	 oi	 or (w) ar	 ar
aw (e)	ow			
 or (w) er	 er	 ir er, ir er, eer -er	 ir er, ir er, eer -er, eer -er, ler	 ar
 ur	 er	 -ur -er -or -ar	 -ir -er, ir -er, eer -er, ler	 -ar

Latin Exceptions:

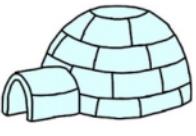
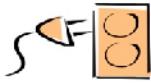
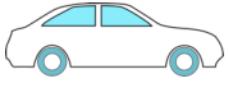
Divide before 1 consonant
(lim-it, met-a!)

Divide between some vowels
that normally make a sound
(di-et, con-gru-ent)

40L Consonant Chart in Color

	p		b		m		
	wh		w— wh				
	f ph		v				
	th		th				
	t -ed		d -ed		n		I II
	s c ss		z s				y—
	sh -ti- -ci- -si-		zh -si- -su- -ge, z				
	ch tch		j g -ge -dge				
	k c ck		g		ng nk		X = ks
	h—						qu = kwh

40L Vowel Chart in Color

	a		e ea		i y		o		u
	a-e ai, ay ei, ey		e-e ee ea ie		i-e igh y uy		o-e oa ow oe		u-e eu, ew ue ui
	oo ou		oo u ou				or (w) ar		ar
	au aw (a) ll		ou ow		oi oy		air err ere -ar		îr er, ir ar, eer ere, ier
							ur er ir (w) or		-ur -er -or -ar

Syllable Division

Divide between 2 consonants; before 1 (rab-bit; ra-dar, sun-lit; o-pen)

Divide between 2 words (sail-boat, lip-stick)

Divide between unsounded vowel teams (ra-di-o, me-ow, cas-u-al)

Divide after prefixes; before suffixes (pre-fix, be-fore; faith-ful, hap-pi-ness)

Divide 1 letter before -le; directly before -el (ta-ble, ket-tle; lev-el, reb-el)

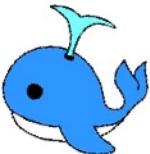
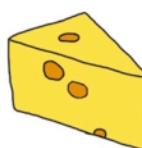
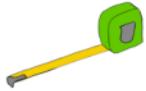
	EA	<u>IA</u>	OA	<u>UA</u>	
AE	EE	IE	OE	UE	
AI	EI	<u>II</u>	OI	UI	
<u>AO</u>	<u>EO</u>	<u>IO</u>	OO	<u>UO</u>	<u>YO</u>
AU	EU	<u>IU</u>	OU		
AW	EW		OW		
AY	EY	<u>IY</u>	OY	UY	

Latin Exceptions:

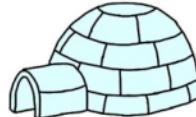
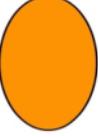
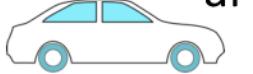
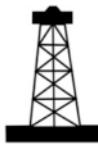
Divide before 1 consonant
(lim-it, met-al)

Divide between some vowels
that normally make a sound
(di-et, con-gru-ent)

40L Consonant Cards in Color

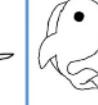
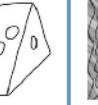
WH  wh	W  w— wh	H  h—		
P  p	B  b	M  m	CH  ch tch	J  j g -ge dge
T  t -ed	D  d -ed	N  n	L  l	R  r— wr
K  k c ck	G  g	NG  ng nk	F  f ph	V  v
TH  th	TH  th	S  s c ss	Z  z s	Y  y— YIELD
SH  sh -ti- -ci- -si-	ZH  zh -si- -su- -ge, z		QU  qu = kwh	X  x = ks

40L Vowel Cards in Color

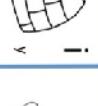
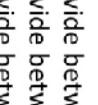
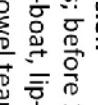
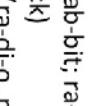
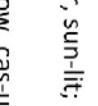
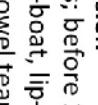
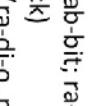
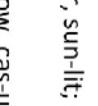
A 	E 	I 	O 	U 
A 	E 	I 	O 	U 
OO 	OO 	E 	OR 	AR 
			AIR 	IR 
			UR 	UR 
AU 	OU 	OI 		

40L Consonant and Vowel Charts in Black and White

40L Consonant Chart in Black and White

 p	 b	 m
 wh	 w-	 wh
 f	 v	
 th	 th	
 t	 d	
 ch	 zh	
 k	 g	
 h-	 ng	 qu =

Vowel Chart in Black and White

 a	 e	 i	 o	 u
 oo	 oo			
 au	 ou	 oy	 ir	 ar
 aw	 ow	 oi	 er	 er
 u		 er	 er	 er
 y-		 ur	 ur	 ur

Syllable Division

Divide between 2 consonants; before 1 (rab-bit; ra-dar, sun-lit; o-pen)

Divide between 2 words (sail-boat, lip-stick)

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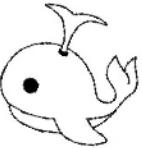
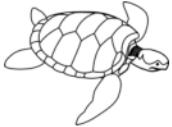
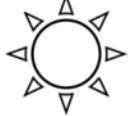
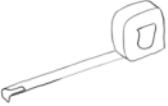
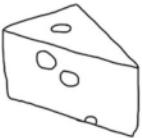
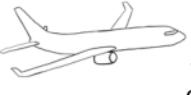
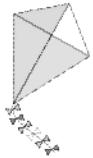
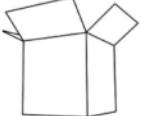
 j	 ge
 i	
 x =	
 x	
 x =	

Latin Exceptions:

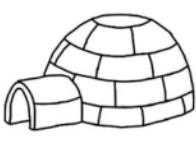
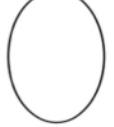
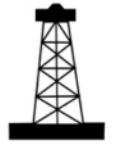
Divide before 1 consonant
(lim-it, met-al)

Divide between some vowels
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40L Consonant Chart in Black and White

	p		b		m				
	wh		w— wh						
	f ph		v						
	th		th						
	t -ed		d -ed		n		I II		r— wr
	s c ss		z s				y— YIELD		
	sh -ti- -ci- -si-		zh -si- -su- -ge, z						
	ch tch		j g -ge -dge						
	k c ck		g		ng nk			 X = ks	
	h—					 qu = kwh			

40L Vowel Chart in Black and White

	a		e ea		i y		o		u
	a-e ai, ay ei, ey		e-e ee ea ie		i-e igh y uy		o-e oa ow oe		u-e eu, ew ue ui
	oo ou		oo u ou				or (w) ar		ar
	au aw (a) ll		ou ow		oi oy		air err ere -ar		îr er, ir ear, eer ere, ier
							ur er ir (w) or		-ur -er -or -ar

Syllable Division

Divide between 2 consonants; before 1 (rab-bit; ra-dar, sun-lit; o-pen)

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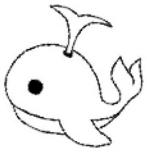
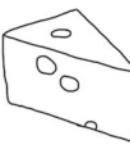
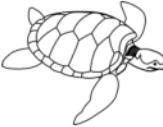
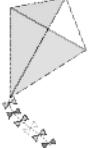
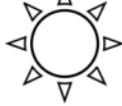
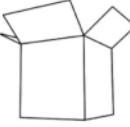
	EA	IA	OA	UA	
AE	EE	IE	OE	UE	
AI	EI	II	OI	UI	
AO	EO	IO	OO	UO	YO
AU	EU	IU	OU		
AW	EW		OW		
AY	EY	IY	OY	UY	

Latin Exceptions:

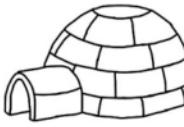
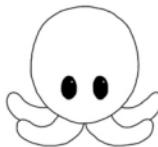
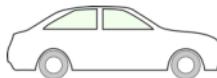
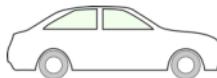
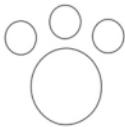
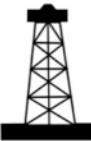
Divide before 1 consonant
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40L Consonant Cards in Black and White

WH	W	H		
 wh	 w— wh	 h—		
P	B	M	CH	J
 p	 b	 m	 ch tch	 j -ge dge
T	D	N	L	R
 t -ed	 d -ed	 n	 l i	 r— wr
K	G	NG	F	V
 k c ck	 g	 ng nk	 f ph	 v
TH	TH	S	Z	Y
 th	 th	 s c ss	 z s	 y—
SH	ZH		QU	X
 sh -ti- -ci- -si-	 zh -si- -su- -ge, z		 qu = kwh	 x = ks

40L Vowel Cards in Black and White

A  a	E  e ea	I  i y	O  o	U  u
A  a-e ai, ay ei, ey	E  e-e ee ea ie	I  i-e igh y uy	O  o-e oa ow oe	U  u-e eu, ew ue ui
OO  oo ou	OO  oo u ou	E  a_e i_e o_e u_e	OR 	AR 
			AIR 	IR  ir er, ir ear, eer ere, ier
			UR 	UR  ur er ir (w) or -ur -er -or -ar
AU  au aw (a) ll	OU  ou ow	OI  oi oy		

40L Consonant and Vowel Charts, Blank Draw Your Own

40L Consonant Chart, Blank Draw Your Own

p	b	m		a	e	i	o	u
					ea			
wh		w—	wh		a-e ai, ay ee e, ey	e-e ee ea	i-e igh y uy	o-e oa ow oe
f		v			oo ou	oo u ou		
th		th					or (w) ar	ar
t	d	n		au (a) u	ou	oi	air err ere -ar	ir er, ir ear, eer ere, ier
-ed				aw	ow	oy	ur er ir -or	-ur -er -or -ar
s	z		y—					
c ss	s							
sh	zh							
-cl-	-sl-							
-st-	-ge,z							
ch	j							
tch	g -ge							
k	g	ng nk						
c ck		x ks						
h—				q <u>u</u> kw/h				
				AY	EY	IY	OY	UY

Syllable Division

Divide between 2 consonants; before 1 (rab-bit; ra-dar, sun-lit; o-pen)

Divide between 2 words (sail-boat, lip-stick)

Divide between unsounded vowel teams (ra-di-o, me-ow, cas-u-al)

Divide after prefixes; before suffixes (pre-fix, be-fore; faith-ful, hap-pi-ness)

Divide 1 letter before -le; directly before -el (ta-ble, ket-tle; lev-el, reb-el)

EA	IA	OA	UA
AE	EE	OE	UE
AI	EI	OI	UI
AO	EO	OO	YO
AU	EU	IU	OU
AW	EW	OW	
AY	EY	IY	UY

Latin Exceptions:

Divide before 1 consonant
(lim-it, met-al)

Divide between some vowels
that normally make a sound
(di-et, con-gru-ent)

40L Consonant Chart, Blank Draw Your Own

p	b	m		
wh	w— wh			
f ph	v			
th	th			
t -ed	d -ed	n	l	r— wr
s c ss	z s		y—	
sh -ti- -ci- -si-	zh -si- -su- -ge, z			
ch tch	j g -ge -dge			
k c ck	g	ng nk		x = ks
h—				qu = kwh

40L Vowel Chart, Blank Draw Your Own

a	e	i	o	u
	ea	y		
a-e ai, ay ei, ey	e-e ee ea ie	i-e igh y uy	o-e oa ow oe	u-e eu, ew ue ui

oo ou	oo u ou			or (w) ar	ar
au	ou	oi		air err ere -ar	îr er, ir ear, eer ere, ier
aw (a) ll	ow	oy		ur er ir (w) or	-ur -er -or -ar

Syllable Division

Divide between 2 consonants; before 1 (rab-bit; ra-dar, sun-lit; o-pen)

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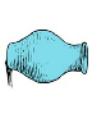
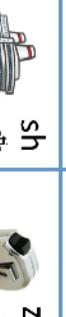
	EA	IA	OA	UA	
AE	EE	IE	OE	UE	
AI	EI	II	OI	UI	
<u>AO</u>	<u>EO</u>	<u>IO</u>	OO	<u>UO</u>	<u>YO</u>
AU	EU	<u>IU</u>	OU		
AW	EW		OW		
AY	EY	<u>IY</u>	OY	UY	

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Consonant Chart

	p		b		m
	wh		w-		v
	th				
	f		ph		
	5				
	t		d		th
	-ed				
	s		z		y-
	sh		zh		th
	ch		j		
	k		g		ng
	h—				qu = kwh

Syllable Division

Divide between 2 consonants; before 1 (rab-bit; ra-dar, sun-lit; o-pen)

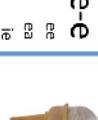
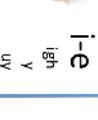
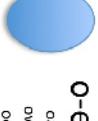
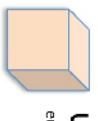
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Vowel Chart

	a		e		i		o		u
			ea						
	a-e		e-e		i-e		o-e		u-e
			ai, ay		ee		oa		eu, ew
			ei, ey		ea		ow		ue
	oo		oo		ou		oi		or
			ou		ow		oy		
	air		er		ir		er		ur
			ere		er		er, ir		er, er
			-ar		-er		ere, jer		-er, -or
	ur		er		ir		er		-ur
			(w) or						
	ur		er		ir		er		-ur

Latin Exceptions:

EA	IA	OA	UA
EE	IE	OE	UE
AI	EI	OI	UI
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Divide between some vowels
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Consonant Chart, UPP

P	B	M
		
W _H	W-	W _H
		
5	V	
F _{PH}		
THE END	THE END	
TH	TH	
3	TH	
T _{-ED}	D _{-ED}	N
		
S _C SS	Z _s	Y-
		
SH -T/- -C/ -S/-	ZH -S/-U/ -G/E/-Z	
		

Syllable Division

Divide between 2 consonants; before 1 (rab-bit; ra-dar, sun-lit; o-pen)

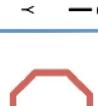
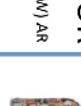
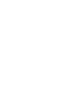
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Vowel Chart, UPP

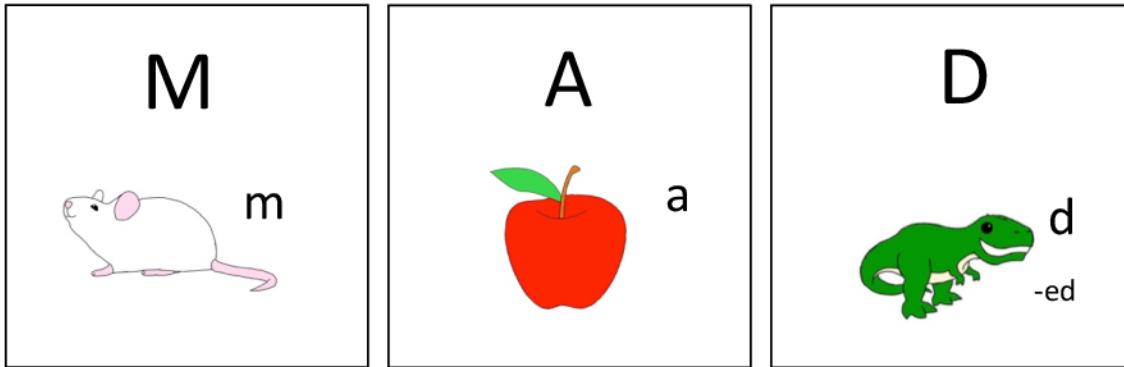
Ā	Ē	Ī	Ō	Ū
				
Ā A _I , AV E _I , EY	Ē EE EA	Ī IGH Y	Ō OA OW OE	Ū EU, EW UE UI
				
AU AW (A) LL	OU OW	OI OY	UR ER IR (W) OR	IR ER, IR EAR, EER ERE, EIR
				
J _G -GE -DGE	X _K =KS			
EA EE IE OE UE	IA I OI UI	AIR ERE AIR	UR ER -OR -AR	IR ER, IR EAR, EER ERE, EIR
AI	II	OI	YO	
AO <u>E</u> O	<u>I</u> O	OO	UO	
AU	EU	IU	OU	
AW	EW	OW		
AY	EY	UY	OY	UY

Latin Exceptions:

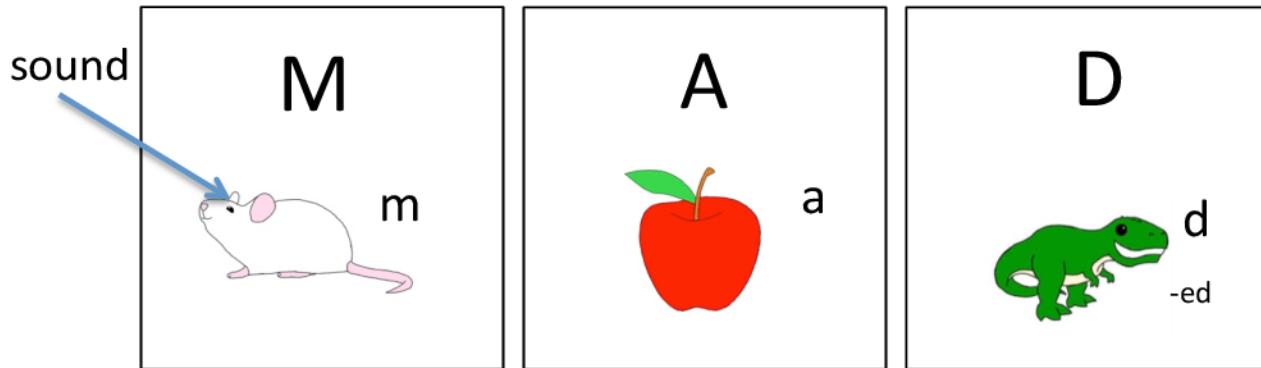
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Spelling and Reading with help from the cards

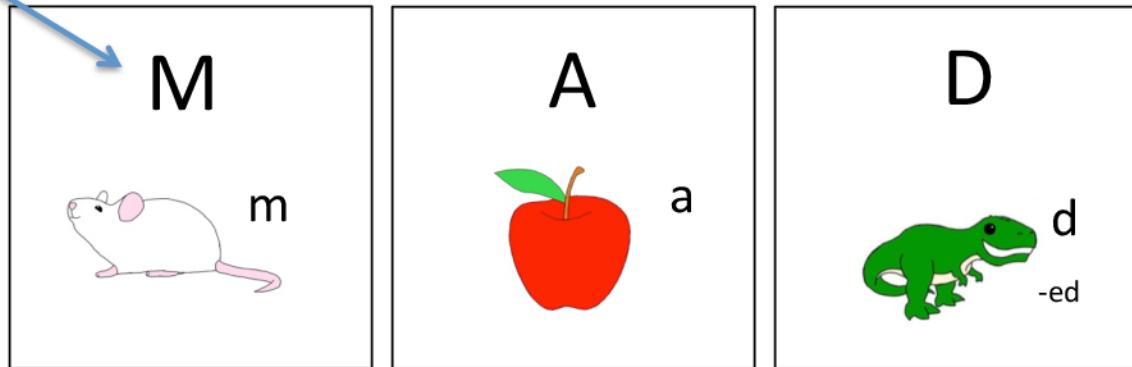


For Reading

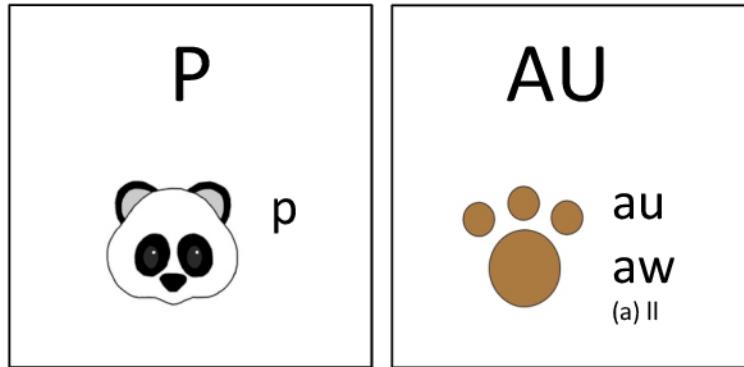


name

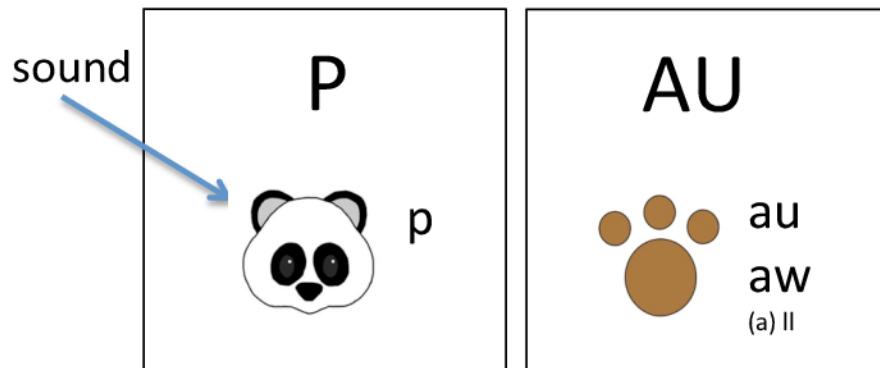
For Spelling



Spelling and Reading with help from the cards

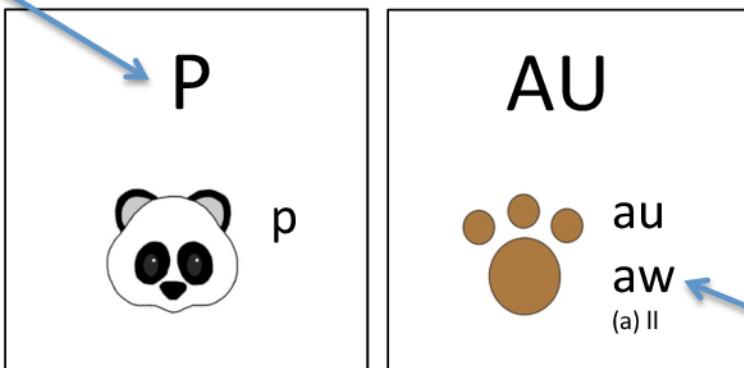


For Reading



name

For Spelling



name
substitute

40L Vowel and Consonant Charts

These charts are based on the work of Caroline Yale and her Northampton Vowel and Consonant Charts, published in 1914 in “Formation and Development of Elementary English Sounds.” This document is available from Google Books online and a later version is available from Don Potter, www.donpotter.net. I would like to thank Don Potter for drawing my attention to these charts and their use. Don Potter uses a version of the Northampton charts modified by Phonovisual. Their charts are available for purchase at www.phonovisual.com.

The charts are set up in sound order, not alphabetical order. This sound order aids in the development of phonemic awareness and highlights some of the peculiarities of English spelling and reading. For example, v/f and s/z and t/d are voiced and unvoiced consonant pairs. They are produced with the mouth, lips, and tongue all in the exact same position but with one voiced and one unvoiced. This explains why of is pronounced “ov” and why words like leaf change to leaves. It also explains why s often has its consonant pair sound of z as in “is, as, was, nose, etc.” It also explains why ed can have the sound of ed or /d/ or /t/. For more explanation about their arrangement, you can read Caroline Yale’s “Formation and Development of Elementary English Sounds” online.

Don Potter has found that daily review of sounds on the charts with Kindergarten students led to great success with their reading, producing fluent, accurate readers.

The charts can be used for both initial learning of the sound spelling correspondences of English for a beginning student and as a reference for older students to aid in their reading while they are finalizing their mastery of the sound spelling patterns of English and the syllable division rules.

The cards can be used for practice spelling words and learning how to build and read words. Print at least two copies of each set of cards so that you can spell words with doubled letters like “ball,” and if you are going to build longer words or make phrases, you may need 3 or more copies of each of the vowel and consonant card pages. The E between OO and OR can be used as a silent e.

The black and white versions were made for students to be able to color their own copies and for economical printing. The “draw your own” versions are for artistic students who want to make their own drawings for the charts and cards. The versions with clip art and selected cartoons are for older students who do not want a “childish” version.

For more information about 40L’s most popular phonics resources, see
<http://www.thephonicspage.org/On%20Reading/ListOfResources.html> and for beginning students see
<http://www.thephonicspage.org/On%20Reading/newstudents.html>

The syllable division rules are explained on 40L’s Multi-Syllable Phonics page,
<http://www.thephonicspage.org/On%20Reading/WellTaughtPhonicsStudent.html>

40L’s volunteers hope that these charts will be a blessing to you wherever you are in your reading journey.