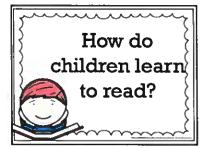


Preschool Teachers and Support Staff are on the frontlines of early literacy development.

Preschool • Early lateracy Staff = Sound Residers

1. Alphabetics

2. Phonemic Awareness

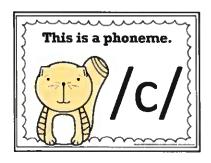


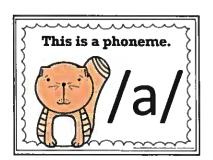
naturally pick up the code

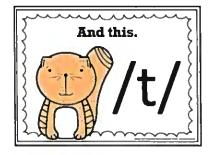
 1 in 3 will struggle\*

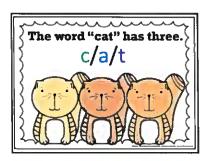
Reflective Question

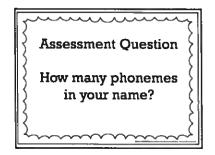
How many phonemes are in your name?





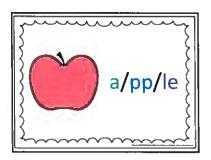


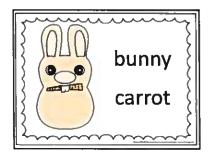


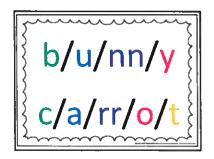


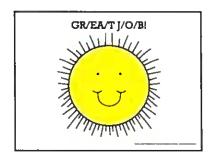






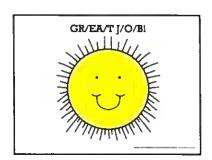












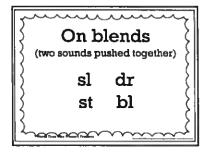


Directions:
Glance over the 44
sounds resource guide.

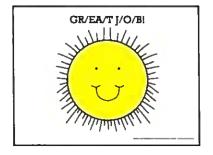
Are any of them new
to you?

On sound
position in
words
initial, final, short vowels

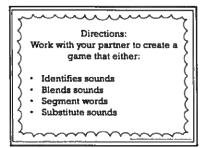
On digraphs
(makes one sound)
sh
ch
th

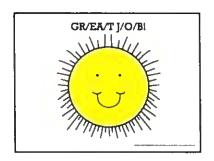


On diphthongs (long vowels)











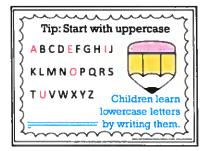


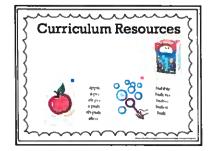




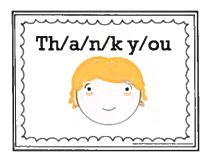




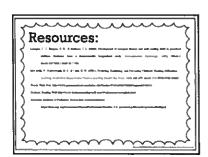












For More Information on Phonemes Visit the Dyslexia Reading Well. www.dyslexia-reading-well.com

#### The 44 Sounds (Phonemes) of English

A **phoneme** is a speech sound. It's the smallest unit of sound that distinguishes one word from another. Since sounds cannot be written, we use letters to represent or stand for the sounds. A **grapheme** is the written representation (a letter or cluster of letters) of one sound. It is generally agreed that there are approximately 44 sounds in English, with some variation dependent on accent and articulation. The 44 English phonemes are represented by the 26 letters of the alphabet individually and in combination.

Phonics instruction involves teaching the relationship between sounds and the letters used to represent them. There are hundreds of spelling alternatives that can be used to represent the 44 English phonemes. Only the most common sound / letter relationships need to be taught explicitly.

The 44 English sounds can be divided into two major categories — consonants and vowels. A **consonant** sound is one in which the air flow is cut off, either partially or completely, when the sound is produced. In contrast, a **vowel** sound is one in which the air flow is unobstructed when the sound is made. The vowel sounds are the music, or movement, of our language. The 44 phonemes represented below are in line with the International Phonetic Alphabet.

#### Consonants

Sound	Common spelling			Spelling all	ternatives		
/b/	b ball		bb ribbon				
/d/	d dog		dd add	ed filled			
/f/	f fan	MARCH.	ff cliff	ph phone	gh laugh	lf calf	ft often
/g/	g grapes		gg egg	gh ghost	gu guest	gue catalogue	
/h/	h hat	Ш	wh who				
/j/	j jellyfish	Ca=	ge cage	g giraffe	dge edge	di soldier	gg exaggerat e
/k/	k kite		c cat	ch christmas	cc acclaim	lk folk	qu bouquet
		1	q(u) queen	ck back	X box		
/\/	l leaf	142	ll spell				
/m/	m monkey		mm summer	mb climb	mn autumn	lm palm	
/n/	n nest		nn funny	kn knight	gn gnat	pn pneumonia	
/ng/	ng ring	Ö	n sink	ngue tongue			

/p/	p pig	<b>(</b> )	pp happy				
/r/	r robot		rr carrot	wr wrong	rh rhyme		
/s/	s sun	1112	ss mess	c circus	sc science	ps psychology	st listen
		الراجة	ce rice	se horse			
/∀	t tap		tt batter	th thomas	ed tapped		
/v/	v van	1	f of	ph stephen	ve five		
/w/	w web		wh why	u quick	o choir		
/y/	у уо-уо		i opinion	j hallelujah			
/z/	z zebra		zz buzz	s has	ss scissors	x xylophone	ze maze
		البيار ا	se cheese				

## Digraphs

Sound	Common spelling		Spelling alternatives				
/zh/	s treasure		si division	z azure			
/ch/	ch cheese		tch watch	tu future	ti guestion	te righteous	
/sh/	sh shark		ce ocean	s sure	ci special	si tension	ch machine
			sci conscience	ti station			
/th/ (unvoiced)	th thongs	Or					
/th/ (voiced)	th feather						

#### Short vowels

Sound	Common spelling			Spelling	alternatives		
/a/	a cat	4	ai plaid				
/e/	e egg	-	ea bread	u bury	ie friend	ai said	a many
		eo leopard	ei heifer	ae aesthetic	ay say		
/\/	i igloo		e england ie sieve	o women	u busy	ui build	y hymn
/0/	o orange	2	a swan	ho honest		İ	
/u/	u mug	5	o monkey	oo flood	ou trouble		
/00/	oo book		u bush	ou could	o wolf		

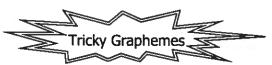
### Long vowels

/ā/	ai snail	\(\lambda\)	a baby	eigh weigh	aigh straight	ay hay	et croquet
			ei vein	au gauge	a-e cake	ea break	ey they
/ē/	ee bee	47	e me	ea seat	y lady	ey key	oe phoenix
			ie brief	i ski	ei receive	eo people	ay quay
/ī/	i spider	y fly	igh night	ie pie	uy buy	ye rye	
		ai aisle	is island	eigh height	i-e kite		
/ō/	oa boat	AH CECE T	o-e bone	o open	oe toe	ow low	ough though
			eau beau	oo brooch	ew sew		
/ü/	oo moon	42	ew screw	ue blue	u-e flute	oe shoe	ough through
	74	ui fruit	o who	oeu manoeuvre	ou croup		
/y//ü/ (2 sounds)		you		ew few	iew view	yu yule	eue queue
		興	eau beauty	ieu adieu	eu feud		

/oi/	oi coin		oy boy	uoy buoy			
/ow/	cow	6	ou shout	ough bough			
/ə/	er ladder	A	ar dollar	our honour	or doctor	i dolphin	e ticket
(Schwa sound)		H	u cactus	ur augur	re centre	eur chauffeur	

#### R' controlled vowels

/ã/	air chair	*	are square	ear	ere where	eir their	ayer prayer
/ä/ ·	ar car		a bath	au laugh	er sergeant	ear heart	
/û/	ir bird	1	er term yr myrtle	ur burn	ear pearl	or word	our journey
/ô/	aw paw	***	a ball	or fork	oor door	ore more	oar board
			four	augh taught	ar war	ough bought	au sauce
/ēə/	ear ear	R	eer steer	ere here	ier pier		
/üə/	ure cure		our tourist				



There are some letters that are used to write down sounds already represented by other graphemes. For example we use the letter c to represent the /k/ sound (already represented by the grapheme 'k') and the /s/ sound (already represented by the grapheme 's').

Letter			
С	/k/ as in cat, cot, cup	/s/ as in city, cycle, cents	
X	/k//s/ as in box, fox, fix	/g//z/ as in example, exam	/z/ as in xylophone
q(u)*	/k//w/ as in queen	/k/ as in bouquet, marquis, c	heque

<sup>\*</sup> the q is always paired with the letter u.

For More Information on Phonemes Visit the <u>Dyslexia Reading Well</u>. www.dyslexia-reading-well.com



The end of the bar shows the age at which most children have mastered each sound

**Speech Sounds** 

Age of Acquisition (years)

Speech Sounds				Acquisitio	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	0	1	2	3	4	5	6	7	8
owels / diphthongs		vowels							
р—(рирру)		р							
m—(mommy)		m							_
h—(hi)		h							
n—(no)		п							
w—(window)		w							
b—(baby)			b						
k—(cookie)			k						
g—(go)			g						
d—(daddy)			d						
t—(turtle)			<u></u> .	t					
ng(sing)				ng					
f—(funny)			f						
y—(yes)			у						
r—(rabbit)				•	r				
I—(lion)					1				
s—(sun)						8			
sh—(shoe)						sh			
ch—(chair)						ch			
z(zoo)						z			
j—(jump)						J			
v—(van)							٧		
th—(thumb)						th			
th—(these)							th		
zh-(treasure)								zh	

<sup>\*</sup>From Templin, 1957; Wellman et al., 1931, in Sanders—Journal of Speech and Hearing Disorders, 1973.

# Building Vocabulary—Word Families and Word Roots List What Is Taught at Each Level?

The following pages show a comprehensive listing of all word families, compounds, and roots **explicitly taught** in each level of *Building Vocabulary*. Many other roots are introduced throughout the levels, but the word families and roots listed on the following pages are each the focus of a lesson. You will notice that some roots that are first taught in lower levels are revisited in the upper levels and are taught with greater depth and complexity.

The first column lists the sound/word family, compound, or root taught. When appropriate, the meaning for this word part is given in the second column (some word parts don't carry meaning; for example, the word families in Levels I and 2). Then, an example word is given for each word part. The sample words are intended to give you a sense of how the roots are used—this is not meant to be an exhaustive list of vocabulary words that should be taught.

As students gain more proficiency with Building Vocabulary, they will come up with many more words on their own.

Use this list as a reference to see the word families and roots taught at each level. You might also wish to provide students with a copy of the list for the level of the Building Vocabulary kit you are using.

Sound/Word Family	Sample Word
-ab	cab
-ack	back
-ad	mad
-ag	bag
-ain	rain
-all	ball
-am	jam
-an	fan
-ank	bank
-ap	lap
-ar	car
-at	cat
-a_e	late
-ea	pea
-ed	red
-ee	bee
-ell	bell
-er	her
-est	best
-et	net
-ew	new
-ick	lick
-id	kid
-ight	night
-ill	hill
-im	him
-in	pin
-ing	ring

Sound/Word Family	Sample Word
-ink	sink
-ip	rip
-it	sit
-i_e	nice
-oa	boat
-ob	job
-ock	lock
-ook	book
-ор	mop
-ot	hot
-ow	cow
-o_e	joke
-uck	luck
-ug	hug
-um	gum
-ump	lump
-un	sun
-unk	junk



This is used to hit a baseball. Change the first

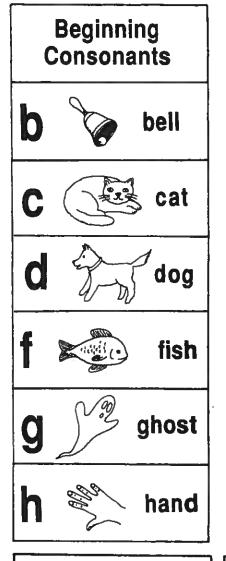
letter.

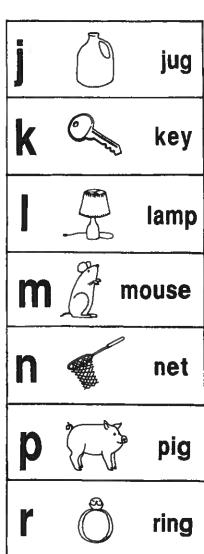
A small rug Change the first letter.

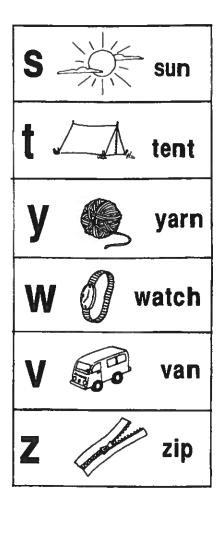
"The puppy \_\_ on my lap." Change the first letter.

# APPENDIX B Sound Boards

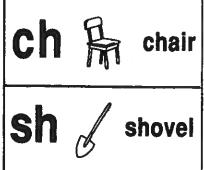
Sound Board for Beginning Consonants and Digraphs

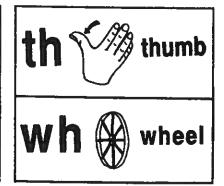






Beginning Digraphs





#### **TEMPLATE FOR WORD SORTS**

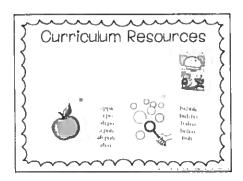
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!		



Phonemic Awareness Curriculum Ideas

Adams, M. J., (1998). Phonemic awareness in young children: a classroom curriculum. Baltimore, MD. P.H. Brookes.

Adams, M. J., (2013). ABC foundations for young children: a classroom curriculum. Baltimore, MD. P.H. Brookes.



Speech and Language Developmental Milestones

ASHA http://www.asha.org/public/speech/development/chart.htm

**Curriculum Materials for Speech Development** 

#### **Kaufman Cards**

http://www.northernspeech.com/early-intervention-language-and-speech/kaufman-k-slp-treatment-kit-1-ndash-basic-level/



**Professional Reading** 

Adams, M.J., (1990). Beginning to read: thinking and learning about print. Cambridge, MA, MIT Press.

Speech to Print: Language Essentials for Teachers, Second Edition 2nd Edition by Louisa Moats Ph.D.

Christina Nestory 2016, Phonemic Awareness for Early Literacy Development