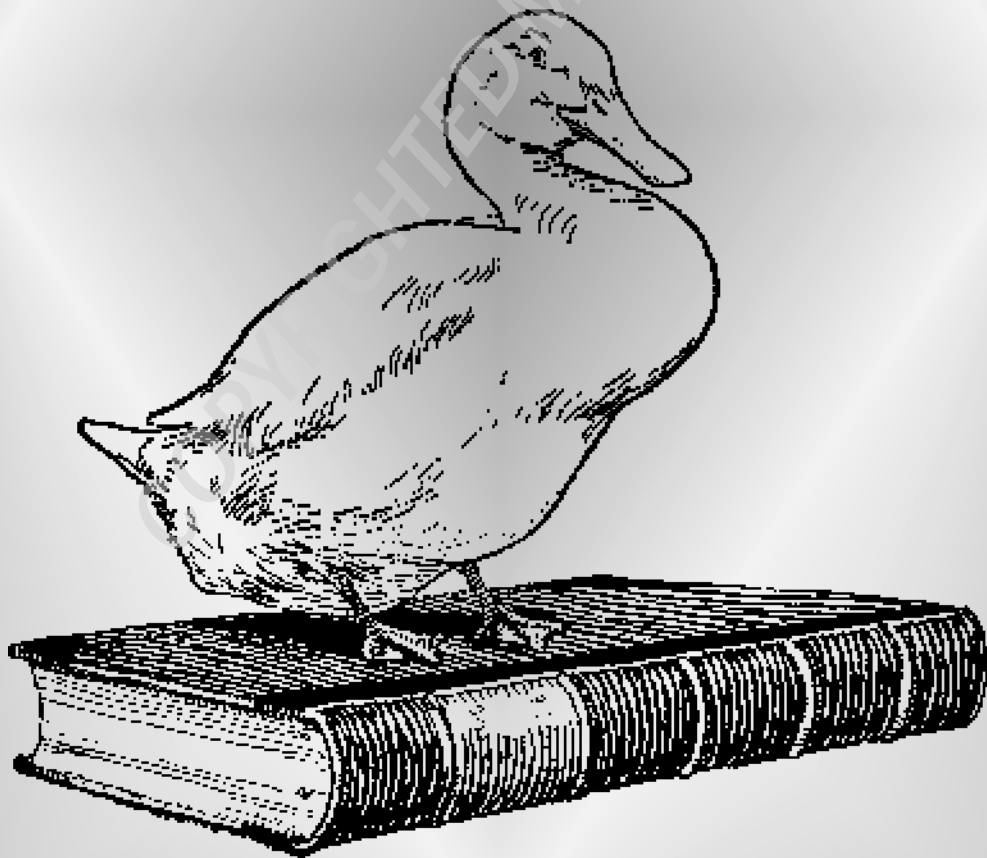


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PHONICS



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- List 1. Consonant Sounds
 - List 2. Vowel Sounds
 - List 3. The Final “E” Rule
 - List 4. Double Vowels
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LIST 1. CONSONANT SOUNDS

The following are all the beginning consonant sounds for either words or syllables (except for final consonant blends). They constitute what some linguists call the “onset” for the syllable. The rest of the syllables must have a vowel or a vowel plus consonant (a vowel plus a consonant is called a phonogram or rime).

Single Consonants

b	h	n	v
c	j	p	w
d	k	r	y
f	l	s	z
g	m	t	

Important Exceptions

qu = /kw/ as in “quick”
 (the letter “q” is never used without “u”)
ph = /f/ as in “phone”
c = /s/ before e, i, or y as in “cent,” “city,”
 or “cycle”
c = /k/ before a, o, or u as in “can,” “cot,” or “cub”
g = /j/ before e, i, or y as in “gem,” “giraffe,”
 or “gym”
x = /ks/ blend as in “fox”
s = /z/ sound at the end of some words as in “is”
ng = /ng/ phoneme as in “sing”
ck = /k/ often at the end of a word as in “luck”

Consonant Digraphs

ch as in “chin” **ph** as in “phone”
sh as in “shut” **gh** as in “rough”
th (voiced) as in “thin”
th (voiceless) as in “this”
wh (hw blend) as in “which”

Rare Exceptions

ch = /k/ as in “character”
ch = /sh/ as in “chef”
ti = /sh/ as in “attention”
s = /sh/ as in “sure”
x = /gz/ as in “exact”
x = /z/ as in “xylophone”
s = /zh/ as in “measure”
si = /zh/ as in “vision”

Silent Consonants

gn = /n/ as in “gnat”
kn = /n/ as in “knife”
wr = /r/ as in “write”
gh = /silent/ as in “high”
mb = /m/ as in “lamb”
lf = /f/ as in “calf”
lk = /k/ as in “walk”
tle = /l/ as in “castle”

INITIAL CONSONANT BLENDS

r family

br as in “bride”
cr as in “crop”
dr as in “drive”
fr as in “free”
gr as in “grand”
pr as in “prize”
tr as in “trust”
wr as in “write”

l family

bl as in “blend”
cl as in “clay”
fl as in “fly”
gl as in “glass”
pl as in “plug”
sl as in “slow”

s family

sc as in “scare”
sk as in “skunk”
sm as in “smile”
sn as in “snack”
sp as in “spell”
st as in “sting”
sw as in “swipe”

3-letter s family

sch as in “school”
scr as in “scrub”
squ as in “squall”
str as in “strong”
spr as in “sprout”
spl as in “splash”
shr as in “shrank”

no family

dw as in “dwell”
tw as in “twin”
thr as in “threw”

FINAL CONSONANT BLENDS

(Note: These are usually learned best with rhymes.)

ct as in “act”
ft as in “lift”
ld as in “old”
lm as in “calm”
lp as in “pulp”

lt as in “salt”
mp as in “jump”
nc(e) as in “since”
nch as in “lunch”
nd as in “band”

nk as in “think”
nt as in “hunt”
pt as in “kept”
rd as in “word”
rt as in “art”

sk as in “tusk”
sp as in “lisp”
st as in “lost”

See also List 7, Suggested Phonics Teaching Order; List 9, Phonics Example Words; List 112, Games and Methods for Teaching.

LIST 2. VOWEL SOUNDS

There are about 21 vowel sounds in English (the actual number is dialect dependent), including vowel sounds affected by the consonant “r.” For words that use these vowel sounds, refer to List 9—Phonics Example Words.

Short Vowels

a = /ă/ as in “cat”
e = /ĕ/ as in “end”
i = /ĭ/ as in “sip”
o = /ŏ/ as in “hot”
u = /ŭ/ as in “cup”

Long Vowels—Final E Rule

a = /ā/ as in “make”
e = /ē/ as in “these”
i = /ī/ as in “five”
o = /ō/ as in “hope”
u = /ū/ as in “cube”

Long Vowel Digraphs

ai = /ā/ as in “aid”
ay = /ā/ as in “say”
ea = /ē/ as in “eat”
ee = /ē/ as in “see”
oa = /ō/ as in “oat”
ow = /ō/ as in “own”
ew = /ū/ as in “new”

Vowel Y

y = /ī/ as in “try,” “cycle”
y = /ē/ as in “funny”

Schwa

a = /ə/ as in “ago”
e = /ə/ as in “happen”
o = /ə/ as in “other”

Diphthongs

oi = /oi/ as in “oil”
oy = /oi/ as in “boy”
ou = /ou/ as in “out”
ow = /ou/ as in “how”

Long Vowels— Open Syllable Rule

a = /ā/ as in “baby”
e = /ē/ as in “we”
i = /ī/ as in “tiger”
o = /ō/ as in “open”

Double O

oo = /ōō/ as in “soon”
oo = /oo/ as in “good”
u = /ūū/ as in “truth”
u = /oo/ as in “put”

Vowel Plus R

ar = /är/ as in “far”
er = /ər/ as in “her”
ir = /ər/ as in “sir”
or = /ôr/ as in “for”
ur = /ər/ as in “fur”

Broad O

o = /ô/ as in “long”
a(l) = /ô/ as in “also”
a(w) = /ô/ as in “saw”
a(u) = /ô/ as in “auto”

Vowel Exceptions

ea = /ĕ/ as in “bread” or /ē/ as in “seat”
e = /silent/ as in “come” and “make”

y = /y/ as in “yes”

le = /əl/ as in “candle”
al = /əl/ as in “pedal”
ul = /əl/ as in “awful”

“ea” makes both a long and short E sound.
 E at the end of a word is usually silent, and often makes the preceding vowel long.
 Y is a consonant at the beginning of a word (yes), but is a vowel in the middle or end of other words. See Vowel Y shown above.
 Final “le” makes a schwa plus l sound.
 Final “al” makes a schwa plus l sound.
 Final “ul” makes a schwa plus l sound.

See also List 3, The Final “E” Rule; List 4, Double Vowels; List 7, Suggested Phonics Teaching Order; List 9, Phonics Example Words.

LIST 3. THE FINAL “E” RULE

Often, an “e” at the end of a word makes the preceding vowel long. Here are some short vowel words contrasted with long vowel words that illustrate this rule. These words make interesting and instructive word walls, flash cards, or spelling lessons.

A Words

fad—fade	rag—rage	wag—wage
stag—stage	cam—came	dam—dame
tam—tame	sham—shame	ban—bane
can—cane	pan—pane	Sam—same
cap—cape	gap—gape	fat—fate
tap—tape	scrap—scrape	rat—rate
hat—hate	mat—mate	

I Words

hid—hide	rid—ride	slid—slide
dim—dime	rim—rime	Tim—time
grim—grime	prim—prime	slim—slime
din—dine	fin—fine	pin—pine
shin—shine	spin—spine	tin—tine
twin—twine	win—wine	rip—ripe
grip—gripe	snip—snipe	strip—stripe
bit—bite	kit—kite	lit—lite
quit—quite	spit—spite	sit—site

O Words

lob—lobe	rob—robe	glob—globe
cod—code	nod—node	rod—rode
cop—cope	hop—hope	mop—mope
pop—pope	slop—slope	tot—tote

U Words

cub—cube	tub—tube	cut—cute
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Exceptions to the final e rule. The letter “e” is nearly always silent at the end of a word. Here are some words that have a silent final “e,” but *do not* follow the final e rule.

- most words ending in -le*: circle, cattle, middle, apple, single, trouble
- most words ending in -ce: since, notice, voice, force, dance, office, practice
- most words ending in -se: house, else, horse, course, praise, sense, else, whose, please
- most words ending in -re: before, sure, figure, are, measure, square, store
- most words ending in -ve: give, love, believe, have, serve
- others: come, some, one, there, large, eye, edge, gone, done

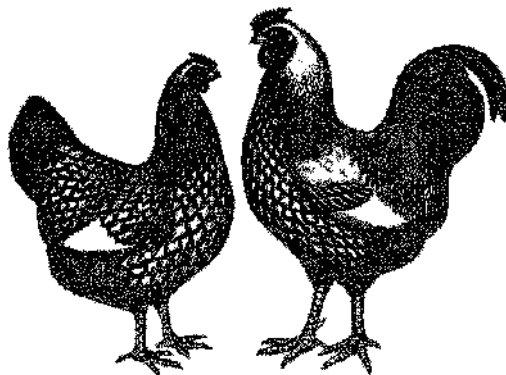
*The final -le is sometimes called a syllablic l when the letter l acts like a vowel.

See also List 7, Suggested Phonics Teaching Order; List 9, Phonics Example Words.

LIST 4. DOUBLE VOWELS

The following are long vowel digraphs contrasted with short vowels in closed syllables. The old double vowel rule has too many exceptions like “oo” or “ou” to be generalized.

Short a	Long a	Short e	Long e	Short i	Short o
/ă/	/ā/	/ĕ/	/ē/	/ĭ/	/ŏ/
lad	laid	red	reed	did	crock
mad	maid	bed	bead	lid	clock
pad	paid	fed	feed		rod
clam	claim	led	lead	Long i	sop
man	main	Ned	need	/ī/	cot
pan	pain	wed	weed	died	got
ran	rain	bled	bleed	lied	
van	vain	bred	breed		Long o
bran	brain	Fred	freed		/ō/
plan	plain	sped	speed		croak
span	Spain	stem	steam		cloak
pant	paint	Ben	bean		road
bat	bait	Ken	keen		soap
		men	mean		coat
		ten	teen		goat
		fend	fiend		
		pep	peep		
		rep	reap		
		step	steep		
		bet	beet		
		bet	beat		
		met	meet		
		met	meat		
		net	neat		
		pet	peat		
		set	seat		
		den	dean		
		best	beast		



LIST 5. SOUND DETERMINED BY LETTER POSITION

Another way of teaching phonics is to show how the sound of the letter or grapheme is determined by its position or environment within a word. For example, 1 shows that many consonants make the same sound no matter where they are, but 2 shows that the position in a syllable or other factors change the sound.

1. Position-independent letter

correspondences (doesn't matter where the letter is)

Single Consonants

t	/t/	top	f	/f/	fish
n	/n/	nut	v	/v/	valentine
r	/r/	ring	h	/h/	hand
m	/m/	man	k	/k/	kite
d	/d/	dog	w	/w/	window
l	/l/	letter	j	/j/	jar
p	/p/	pen	z	/z/	zebra
b	/b/	book			

2. Position-dependent letter correspondences (position changes sound)

Closed Syllable Rule (If syllable ends in a consonant, the vowel is short.)

a	/a/	at
e	/e/	end
i	/i/	is
o	/o/	hot
u	/u/	pup

Second Sounds

s	/s/	saw	(at the beginning)
s	/z/	his	(frequently at the end)
y	/y/	yes	(at the beginning)
y	/ē/	funny	(at the end)
y	/ī/	my	(middle or end)
e	/silent/	come	(at the end)

Open Syllable Rule (If syllable ends in a vowel, the vowel is long.)

a	/ā/	table	o	/ō/	donut
e	/ē/	before	u	/ū/	music
i	/ī/	tiny			

Schwa (always in an unaccented syllable when word has two or more syllables)

a	/ə/	principal	o	/ə/	canyon
e	/ə/	happen	u	/ə/	radium
i	/ə/	pencil			

Letter X (always at end)

x	/ks/	box
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3. Marker-dependent letter

correspondences (marker is another letter in the word that changes sound)

Final E Rule (always "VCe")

a	/ā/	cake	o	/ō/	home
e	/ē/	these	u	/ū/	use
i	/ī/	ice			

When a single vowel is followed by a single consonant and a silent final e, the vowel is long.

Consonant Second Sounds

c	/k/	cake	(followed by a, o, u)
c	/s/	city	(followed by i, e, y)
g	/g/	gate	(followed by a, o, u)
g	/j/	gem	(followed by i, e, y)

R Modified Vowels (always where "r" follows)

a	/är/	far	o	/or/	for
e	/ûr/	her	u	/ûr/	fur
i	/îr/	fir			

4. Digraph correspondences

(two letters positioned together)

Consonant Digraphs

sh	/sh/	shoe
ch	/ch/	church
th	/th/	this
th	/th/	thing
wh	/hw/	white
mb	/m/	bomb

Double O

oo	/ō/	moon
oo	/oo/	look

Exceptions

qu	/kw/	quick
ea	/e/	bread
ph	/f/	phone
ng	/ng/	sing

Long Vowel Digraphs

ea	/ē/	eat
ee	/ē/	see
ai	/ā/	aid
ay	/ā/	say
oa	/ō/	oat
ow	/ō/	know

Silent Consonants

gn	/n/	gnat
kn	/n/	knife
wr	/r/	write
gh	/silent/	right
ck	/k/	back

Broad O Digraphs

au	/o/	auto
aw	/o/	saw

Diphthongs

ou	/ou/	out
ow	/ou/	now
oy	/oi/	boy
oi	/oi/	boil
ew	/ew/	few

See also List 156, Double-Letter Spelling Patterns.

LIST 6. PHONICS AWARENESS

The English language uses 26 alphabetic letters in more than 100 combinations to represent between 44 and 45 speech sounds. Phonics helps new as well as experienced readers make connections between letter patterns and the speech sounds for which they stand. It begins with an awareness and recognition of letters and sounds, then builds connections between them, starting with the most frequent and distinct correspondences.

Letter Knowledge	Recognize, name, and distinguish upper- and lower-case letters.
Word Segmentation	Recognize individual words within a sentence. Example: "I went to the store." (5 words)
Syllable Segmentation	Recognize and separate syllables within words. Examples: Bill-y, Ton-ya, a-bout, talk-ing
Syllable Blending	Can listen to simple polysyllabic words spoken in separate syllables and can say the complete blended word. Example: let-ter → letter
Phonemic Awareness— Consonants	<p>Upon hearing two similar words with different initial consonants, tell whether the initial sounds are the same or different. Examples: mat—sat; big—beg</p> <p>Upon hearing two similar words with different final consonants, tell whether the final sounds are the same or different. Examples: sat—sad; met—mat</p> <p>Do the same with consonant endings.</p>
Phonemic Awareness— Vowels	Upon hearing two similar words with different vowel sounds, tell whether the vowel (medial) is the same or different. Examples: mane—cane; pin—pen
Phonemic Blending	Upon hearing separate phonemes, blend them and say the complete word. Example: /t/ /o/ /m/ → Tom
Phonemic Segmentation	Upon hearing a complete word, separate and pronounce the individual sounds. Example: cat → /c/ /a/ /t/
Rhyming	<p>Recognize and produce rhyming pairs. Examples: tan/pan; big/pig; get/set; sap/tap</p> <p>Upon hearing a series of onset consonants and a phonogram, blend them to produce rhyming words. Examples: /k/ /ab/ → cab; /d/ /ab/ → dab; /g/ /ab/ → gab; /j/ /ab/ → jab</p> <p>Upon hearing a series of rhymes, break the rhyme into onset and rime. Examples: set → /s/ /et/; bet → /b/ /et/; let → /l/ /et/</p>

See also List 186, Handwriting Charts.

LIST 7. SUGGESTED PHONICS TEACHING ORDER

This suggested teaching order is based on research (see List 8). It is simplified and combines consonants and vowels so it will be more useful for the classroom teacher.

	Letter(s)	Sound	Example	Letter(s)	Sound	Example
Easy Consonants (high frequency/ high contrast)	t	/t/	tap	l	/l/	lap
	n	/n/	nap	c	/k/	cat
	r	/r/	rat	p	/p/	pat
	m	/m/	mat	b	/b/	bat
	d	/d/	dog	f	/f/	fat
	s	/s/	sat	v	/v/	vet
Short Vowels	a	/ă/	cat	o	/ŏ/	hot
	e	/ĕ/	let	u	/ŭ/	cut
	i	/ĭ/	hit			
Long Vowels (final e rule)	a_e	/ā/	make	o_e	/ō/	bone
	e_e	/ē/	these	u_e	/ū/	use
	i_e	/ī/	nine			
Long Vowels (open syllable rule- end of word)	e	/ē/	me	o	/ō/	go
Other Single Consonants	g	/g/	get	x	/ks/	box
	h	/h/	hot	qu	/kw/	quit
	k	/k/	kit	z	/z/	zip
	w	/w/	wet	y	/y/	yes
	j	/j/	jet			
Initial Consonant Digraphs	th	/t̥h/	thin	sh	/sh/	ship
	th	/th/	these	wh	/hw/	when
	ch	/ch/	chin			
Y Vowels	-y	/ĭ/	my	y	/ē/	funny
Consonant Second Sounds	c	/s/	city	g	/j/	gym
	s	/z/	his	x	/gs/	exam
Consonants Q and X	qu	/kw/	queen			
	x	/ks/	box			
Long Vowel Digraphs	ea	/ē/	meat	ay	/ā/	day
	ee	/ē/	feet	oa	/ō/	boat
	ai	/ā/	pain	ow	/ō/	tow
Initial Consonant Blends	pr	/pr/	prize	fr	/fr/	free
	tr	/tr/	trip	st	/st/	step
	gr	/gr/	greet	sp	/sp/	spin
	br	/br/	Brad	sk	/sk/	skip
	cr	/cr/	crib	sc	/sc/	scan
	dr	/dr/	drive	sw	/sw/	swim

SUGGESTED PHONICS TEACHING ORDER CONTINUED

	Letter(s)	Sound	Example	Letter(s)	Sound	Example
Initial Consonant	sm	/sm/	smell	fl	/fl/	flip
Blends (cont.)	sn	/sn/	snap	sl	/sl/	slap
	pl	/pl/	play	gl	/gl/	glow
	cl	/cl/	clip	tw	/tw/	twin
	bl	/bl/	blip	str	/str/	street
Final Consonant	ld	/ld/	cold	nt	/nt/	ant
Blends	lf	/lf/	elf	mb	/mb/	lamb
	sk	/sk/	ask	mp	/mp/	camp
	st	/st/	pest	ng	/ng/	sing
	nk	/nk/	ink			
R-Vowels	ar	/är/	far	air	/är/	fair
	er	/ûr/	her	are	/är/	bare
	ir	/ûr/	fir	ear	/êr/	tear
	or	/ôr/	for	eer	/êr/	beer
	ur	/ûr/	fur			
Broad O Vowels	aw	/aw/	awful	al	/aw/	also
	au	/aw/	auto	o	/aw/	off
Other Vowels— Diphthongs	ow	/ou/	owl	oi	/oi/	boil
	ou	/ou/	out	oy	/oi/	boy
Double O Vowels	oo	/ôô/	pool	u	/ôô/	truth
	oo	/ôô/	foot	u	/ôô/	push
Schwa in Unaccented Syllable	a	/ə/	about	o	/ə/	onion
	e	/ə/	letter	u	/ə/	circus
	i	/ə/	holiday			
Other Spellings/ Silent Letters	gn	/n/	gnu	kn	/n/	knew
	ph	/f/	phone	wr	/r/	write
Other Vowel Spellings	ough	/aw/	ought	igh	/î/	sight
	ea	/ea/	head			



See also List 8, Phonics Research Basis; List 9, Phonics Example Words.

LIST 8. PHONICS RESEARCH BASIS

These tables give the research basis for including all the common phoneme-grapheme (phonics) correspondences. The numbers tell how many times each correspondence occurs in a 17,310-word vocabulary study done at Stanford University and funded by the U.S. Department of Education (Hanna).

The grouping gives a research-based teaching order; List 7 gives a teaching order using a vowel-consonant mix based on this data.

Vowel Graphemes Arranged by Rule and/or Sound Grouping and Phoneme-Grapheme Frequency in a 17,310-Word Vocabulary Study

Long and Short Vowels

Short Vowels 16,135

Closed Syllable Rule

I	5,346	is
A	4,192	at
E	3,316	end
U	1,723	up
O	1,558	hot

Long Vowels 6,105

Open Syllable Rule

O	1,876	go
E	1,765	me
A	1,007	baby
U/oo/	907	music
I	555	idea

Long Vowels 1,789

Final E Rule

A	790	ate
O	370	home
I	339	ice
U	290	use

Long Vowels 1,083

Vowel Digraphs

Long E

EE	249	see
EA	245	eat

Long A

AI	208	aid
AY	131	say

Long O

OA	126	oat
OW	124	own

Vowel Y 2,012

Y = /ē/	1,801	very
Y = /ī/	211	my

Other Vowel Sounds

Vowel Diphthongs 438

OU/ou/	227	out
OW/ou/	119	owl
OI/oi/	92	oil
OY/oi/	45	toy

R Modified Vowels 3,271

ER/er/ or /ər/	1,979	her
AR/är/	474	arm
OR/ar/ or er/	312	labor
UR/ər/ or/er	234	turn
AR/är/	168	vary
IR/er/ or/ər/	104	sir

Schwa 1,252

E/ə/	763	item
O/ə/	321	atom
A/ə/	114	ago

Broad O/ô/Vowel 509

AL/ôl/	165	all
AU/ô/	146	auto
O/ô/	123	off
AW/ô/	75	saw

Long & Short OO 487

U/oo/ or/ü/	200	pull
OO/oo/	173	moon
OO/oo/	114	look

PHONICS RESEARCH BASIS CONTINUED

Consonant Graphemes Ranked by Frequency of Regular Phoneme-Grapheme Correspondence in a 17,310-Word Vocabulary

Consonant Sounds

Very Common	R	9,134	Rare	Z	299
	T	7,528		X/ks/	245 ⁵
	N	7,452		Qu/kw/	191 ³
	L	4,894		Y	53 ⁶
	S/s/	4,599 ⁴			
Common	D	3,611	Consonant Digraphs	TH /th/	411
	C/k/	3,452 ¹		SH	398
	M	3,302		CH	311
	P	3,296		TH/TH/	149
	B	2,342		WH	89
Less Common	F	1,580			
	V	1,485			
	G/g/	1,178 ²			
	H	762			
	J	218			
	K	601			
	W	578			

Notes:

¹The letter C is ranked by its regular sound of /k/ as in “cat” (3,452); however, the letter C frequently makes the /s/ sound as in “city” (1,067).

²The regular sound of G is /g/ as in “good (1,178); however, G makes the /j/ sound as in “general” (647) more often than letter J does (218).

³The letter Q has no sound of its own and always appears with a U, so this ranking is when QU makes the /kw/ sound as in “queen” (191).

⁴The regular sound of S is /s/ as in “so” (4,599); however, S makes the /z/ sound as in “is” (640) more often than letter Z does (299).

⁵The letter X has no sound of its own, so this ranking is for when it makes the /ks/ sound as in “box” (245).

⁶The letter Y is usually a vowel; however, this ranking is when it makes its consonant sound /y/ as in “yes” (53).

Reference:

Fry, E. B. (2004). Phonics: A large phoneme-grapheme frequency chart revised. *Journal of Literacy Research*, 36-1.

LIST 9. PHONICS EXAMPLE WORDS

This is an important list at the heart of phonics instruction. It alphabetically lists 99 single phonemes (speech sounds) and consonant blends (usually two phonemes), and it gives example words for each of these; often for their use in the beginning, middle, and end of words. These example words are also common English words, many taken from the list of Instant Words. This list solves the problem of coming up with a good common word to illustrate a phonics principle for lessons and worksheets.

/a/ SHORT A, CLOSED SYLLABLE RULE

Initial

and
at
as
after
an

add
act
adjective
answer
ask

am
animal
ant
ax
Africa

Medial

that
can
had
back
last

has
than
man
hand
plant

began
stand
black
happen
fast



apple

/ā/ LONG A, OPEN SYLLABLE RULE

Initial

able
acre
agent
apron
Asia
apex
April

Medial

paper
lady
baby
radio
crazy
labor

lazy
flavor
tomato
navy
station
basic

label
equator
relation
vapor
enable
volcano

vibration
basis
hazy
potato
ladle
vacation
tablecloth



table

/ā/ LONG A, FINAL E RULE

Initial

ate
age
ache
ale

ape
ace

Medial

make
made
face
same
came
state

late
tale
place
name
wave
space

gave
base
plane
game
shape

baseball
spaceship
racetrack
shapeless



cake

/ā/ LONG A, AI DIGRAPH

Initial

aim
aid
ailment
ail

Medial

rain
train
wait
tail
chain
jail

mail
pain
sail
strait
afraid
brain

claim
detail
explain
fail
gain
main

obtain
paid
remain
wait
plain
laid

faint
grain
rail



nail

See also List 7, Suggested Phonics Teaching Order; List 8, Phonics Research Basis.

PHONICS EXAMPLE WORDS CONTINUED

/ā/ LONG A, AY DIGRAPH

Medial

always
mayor
layer
maybe
rayon

jaywalk
player
daylight

Final

day
say
away
play
may
today
pay
gray
bay
stay
birthday
highway

repay
anyway
way
pray
lay
gay
hay



crayon

/ə/ SCHWA, A SPELLING

Initial

about
above
ago
alone
America
alike

appear
away
again
ahead
another
agree

Medial

several
national
senator
thousand
magazine
breakfast

canvass
familiar
career
purchase
compass
diagram
antenna
algebra
alfalfa
banana

china
comma
idea



announce

/ô/ AL DIGRAPH SPELLING

Initial

all
always
also
already
almost
although

altogether
alternate
altar
albeit
almanac
almighty

Medial

talk
walk
chalk
salt
false
falter

scald
walnut
fallen

Final

call
tall
fall
overall
hall
small

baseball
wall
stall
recall



ball

/ô/ AU DIGRAPH SPELLING

Initial

August
author
autumn
auditorium
autograph
audience

Australia
autoharp
auction
auburn
auxiliary
automatic

Medial

audible
authentic
auditor

because
caught
laundry
haul
daughter
fault

cause
dinosaur
sauce
caution
exhaust
fraud

sausage
overhaul
launch
faucet



auto

/ô/ AW DIGRAPH SPELLING

Initial

awful
awkward
awning
awe
awl
awfully

Medial

lawn
drawn
lawyer
hawk
lawful
yawn
tawny
drawer
shawl
bawl

Final

crawl
squawk
scrawl
law
jaw
draw
straw
thaw
taw

paw
claw
flaw
gnaw
caw



saw

/air/ AIR VOWEL, AR AND ARE SPELLINGS

Initial	Medial	Final
area	January dictionary vary primary secretary canary daring	February tiara parent wary careful scare scarcely declare beware flare care rare aware share spare bare dare fare stare glare welfare hare square

**library****/ar/ AR VOWEL, AR SPELLING**

Initial	Medial	Final
are arm army art artist arctic	argument article arch armor ark arbor	card March farm hard part large garden start dark yard party car far bar jar tar mar par scar

**star****/b/ REGULAR B CONSONANT SOUND**

Initial	Medial	Final
be by boy been box big	back but because below before better	number subject problem baby remember object probably tub club cab rob cub grab rib adverb bulb verb

**book****/bl/ CONSONANT BLEND**

Initial	Medial
black blue bleed blood blind	blame bloom blossom blond blade blank blast blend blue blot blink blur blow blanket bleach oblige emblem tumbler nosebleed ablaze nimble obliterate grumbling oblivious gambler rambling

**block****/br/ CONSONANT BLEND**

Initial	Medial
bread break brick broad brother brown	bring brush breeze bridge brain brass breakfast library umbrella celebrate vibrate abroad daybreak cobra membrane outbreak zebra algebra embrace lubricate

**broom**

PHONICS EXAMPLE WORDS CONTINUED

/k/ HARD C, REGULAR CONSONANT K SOUND

Initial		Medial		Final	
can	call	because	across	back	check
come	country	picture	become	rock	stick
came	cut	American	quickly	sick	black
camp	car	second		lock	pick
color	cold			kick	thick
could	carry			music	electric



cat

/s/ SOFT C, REGULAR CONSONANT S SOUND

Initial			Medial		Final
cent	certain	cigar	pencil	decide	face
circle	civil	cyclone	fancy	Pacific	since
cycle	ceiling	cellar	concert	percent	ice
circus	celebrate	cease	acid	precise	
center	cereal		dancing	process	
cell	cinder		peaceful	sincere	



city

/ch/ CH CONSONANT DIGRAPH SOUND

Initial		Medial		Final	
children	chief	pitcher	searching	which	catch
church	chart	attached	stretched	each	branch
change	chin	purchase	exchange	much	touch
chance	chest	merchant		such	inch
cheer	chain			teach	reach
check	chase			rich	watch



chair

/cl/ CONSONANT BLEND

Initial				Medial		
clean	clear	clever	climb	enclose	eclipse	clock
cloth	class	cliff	click	include	acclaim	disclose
clay	clap	close		cyclone	conclude	decline
claim	claws	cloud		exclaim	reclaim	proclaim
club	clerk	clues		exclude	declare	incline



clock

/cr/ CONSONANT BLEND

Initial				Medial		
cry	crew	cried	cruel	across	aircraft	recruit
crack	crazy	crops	credit	secret	sacred	scarecrow
crowd	cross	crayon		increase	concrete	screen
crash	crow	creek		microscope	disease	
cream	create	crown		democrat	decree	



crab

/d/ REGULAR D CONSONANT SOUND**Initial**

do
day
did
dear
down
deep

does
door
done
different
during
don't

Medial

study
under
idea
body

order
Indians
didn't

Final

and
good
had
said
red
would

find
need
did
old
around
end

**dog****/dr/ CONSONANT BLEND****Initial**

dry
draw
drug
drove
drop
dress

dream
dragon
drill
drink
drive
drew

Medial

drift
drama
drain
drip
drench
droop

address
hundred
children
dandruff
cathedral

undress
withdraw
daydream
eardrum
laundry

hydrogen
laundress
redress
dewdrop

**drum****/e/ SHORT E, CLOSED SYLLABLE RULE****Initial**

end
egg
every
extra
enemy

empty
energy
explain
enjoy
engine

Medial

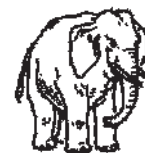
ever
edge
enter
elf
else

when
then
get
left

let
them
very
tell

set
went
help
well

men
spell
next
red

**elephant****/ē/ LONG E, OPEN SYLLABLE RULE****Initial**

even
equal
ether
evil
ecology

Medial

cedar
demon
secret
zebra

meter
prefix
react
area
female

being
recent
legal
really
depot

Final

me
he
she

we
be
maybe

**Egypt****/ē/ LONG E, EE DIGRAPH****Initial**

eel
eerie

Medial

sleep
green
keep
street
feet
wheel
feel

seem
teeth
sweet
week
screen
fifteen

Final

see
three
tree
free
agree

bee
degree
flee
knee
glee

fee
spree
referee

**deer**

PHONICS EXAMPLE WORDS CONTINUED

/ē/ LONG E, EA DIGRAPH

Initial

eat
each
east
easy
eagle
eager
easel
Easter
eaten
eastern

Medial

neat
read
least
beat
clean
deal
leaf
feast
peach
meat
weak
peanut

Final

sea
tea
flea
plea
pea



peach

/e/ SHORT E, EA SPELLING

Medial

head
heavy
ready
thread
steady
dead
breath
dear
ahead
breakfast
already
feather
death
measure
instead
leather
meadow
pleasant
spread
heading
sweat
threaten
treasure
weapon
weather
overhead
heaven
dread
pleasure
widespread
gingerbread



bread

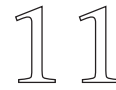
/ə/ SCHWA, E SPELLING

Initial

efface
effect
efficiency
erratic
essential
erroneous

Medial

happen
problem
hundred
arithmetic
children
calendar
scientist
item
united
quiet
diet
different
fuel
given
level
heaven
even
happen
label
absent
agent
hundred
often



eleven

/er/ ER VOWEL, ER SPELLING

Medial

camera
allergy
bakery
wonderful
dangerous
afternoon
liberty
operate
federal
battery

Final

her
mother
over
other
were
better
sister
under
after
water
another
baker
wonder
ever
offer
river
winter
liver
shower
lower



letter

/f/ REGULAR F CONSONANT SOUND

Initial

for
first
find
four
funny
food
father
face
family
follow
far
few

Medial

after
before
often
careful
different
Africa
beautiful

Final

if
half
myself
off
leaf
himself
chief
stuff
brief
cliff
itself
wolf



fish

/fl/ CONSONANT BLEND**Initial**

flower
flat
flight
flew
fly
float

floor
flavor
flood
flute
flame
flash

fleet
flow
flap
flock
fling
flip

flea
fluffy

Medial

afflict
inflict
conflict
influence
aflake
snowflake

inflamm
afloat
reflect
inflate
inflexible

**flag****/fr/ CONSONANT BLEND****Initial**

free
from
front
friend
Friday
fry

frost
frank
freshman
frame
fresh
fraction

fruit
freedom
frozen
France

frisky
freighter
fragile

Medial

afraid
affront
befriend
bullfrog
carefree
confront

defraud
infringe
leapfrog
refrain
refresh
infrequent

**frog****/g/ REGULAR G CONSONANT SOUND****Initial**

go
good
got
gave
girl
get

gun
game
gas
gift
gone
garden

Medial

again
ago
began
sugar
wagon
signal

segment
regular
figure

Final

dog
big
egg
leg
fig
flag

frog
pig
log
bag

**gate****/j/ SOFT G, REGULAR CONSONANT J SOUND****Initial**

gem
gentlemen
geography
generous
gently

gym
gypsy
ginger
gelatin
germ
general

gesture
genius
genuine
generate
giant

Medial

danger
energy
region
engine
original
vegetable
oxygen

Final

change
large
bridge
age

page
village
huge
strange

**giraffe****/gl/ CONSONANT BLEND****Initial**

glad
glass
glow
glory
glove

glisten
gloom
glue
glum
glamour

glare
glade
gleam
glee

glider
glimpse
glitter
glance
glaze

Medial

eyeglass
jingling
spyglass
smuggling
wiggling

hourglass
bugler
angler
mangling
singly

**globe**

PHONICS EXAMPLE WORDS CONTINUED

/gr/ CONSONANT BLEND

Initial

grade
great
grow
grew
grass
gray

grand
green
ground
group
grab
grain

grant
grin
gradual
grandfather
gravity

Medial

hungry
angry
congress
agree
degree

program
regret
degrade
engrave

disgrace
fragrant
outgrow
engross



grapes

/h/ REGULAR H CONSONANT SOUND

Initial

he
had
have
her
him
how

help
here
happy
home
hard
has

half
his
hen
hero
hide
hill

high
hit
house

Medial

behind
ahead
unhappy
behave
overheard
autoharp

rehearse
behold
unhook
ahoy



hand

/i/ SHORT I, CLOSED SYLLABLE RULE

Initial

in
is
if
into
inch

it
invent
important
insect
instead

ill
include
isn't
inside

Medial

with
did
this
little
which

will
big
still
give
his
him

different
until
miss
begin
city



India

/i/ LONG I, OPEN SYLLABLE RULE

Initial

I
idea
I'll
iris
I'm
item

icy
Irish
iodine
Iowa
ivory

Medial

bicycle
tiny
silent
rifle

pilot
quiet
triangle
climate

variety
dinosaur
giant
lion

title
spider
diagram
China



iron

/i/ LONG I, FINAL E RULE

Initial

idle
ire
isle
I've

Medial

five
white
ride
time

fire
write
life
side

nine
bite
like
line

mile
size
wide
describe

drive
wire
mine
wife



ice

/er/ ER VOWEL, IR SPELLING

Medial

girl	skirt	thirteen	shirk	circuit	fir
first	birthday	girth	mirth	girdle	sir
third	thirsty	birth	confirm	stirrup	stir
shirt	affirm	circus	Virginia	dirty	tapir
dirt	circle	thirty	firm		whir
					astir



girl

/j/ REGULAR J CONSONANT SOUND

Initial

just	jet	June	object	project	unjust
jump	job	jungle	enjoy	adjust	majesty
January	joke	junior	subject	dejected	majority
jaw	joy	jacket	major	overjoyed	rejoice
July	juice	join	banjo	adjoin	
			adjective	reject	



jar

/k/ REGULAR K CONSONANT SOUND

Initial

kind	kiss	monkey	market	like	work
key	kitten	broken	packing	make	mark
kill	kid	turkey	stroking	book	speak
king	kettle	worker		look	milk
keep	kick			cake	bank
kin	keen			cook	break



kite

/n/ SOUND, KN SPELLING

Initial

knee	knelt	knack	knockout	knell	unknown
knew	knit	kneel	knickers	kneecap	doorknob
know	knock	knapsack	knothole	knotty	penknife
knowledge	knight	knob	knoll	known	acknowledge
knife	knuckle	knead	knave		knickknack
					knock-kneed



knot

/l/ REGULAR L CONSONANT SOUND

Initial

little	large	only	really	will	oil
like	last	below	follow	all	tell
long	line	along	family	girl	until
look	learn	children		school	spell
live	left			shall	well
land	light			small	vowel



letter

PHONICS EXAMPLE WORDS CONTINUED

/m/ REGULAR M CONSONANT SOUND

Initial

me
my
make
much
many
may

Medial

more
mother
move
must
made
men
number
American
something
complete

Final

important
example
family
from
them
am
seem
warm
him
farm
room
arm
team
form
bottom


man

/n/ REGULAR N CONSONANT SOUND

Initial

not
no
new
night
next
now
name
number
need
never
near
next

Medial

many
under
answer
country
until
any
animal

Final

in
on
can
when
an
then
man
even
own
open
been
than


nut

/ng/ CONSONANT DIGRAPH SOUND

Medial

slingshot
lengthen
longing
kingdom
youngster
gangster
singer
hanger
gangplank
gangway

Final

sing
bring
thing
going
swing
long
song
gang
hang
young
bang
lung
wing
ring
fling
spring
strong
fang
hung
string
wrong


king

/o/ SHORT O, CLOSED SYLLABLE RULE

Initial

odd
olive
oxen
October
opportunity
opera
oxygen
operate
occupy

Medial

not
hot
body
fox
drop
pop
clock
follow
got
problem
product
rock
bottom
copy
cannot


box

/ō/ LONG O, OPEN SYLLABLE RULE

Initial

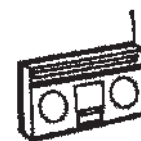
open
over
obey
ocean
Ohio
odor
omit
oboe
okra

Medial

October
program
Roman
moment
poem
total
broken

Final

go
no
so
hello
ago
also
auto
zero
cargo
piano
potato
hero
echo
volcano


radio

/ō/ LONG O, FINAL E RULE

Initial	Medial				
owe	home	rode	whole	rose	stove
	those	nose	slope	spoke	awoke
	hope	stone	bone	smoke	phone
	note	joke	tone	drove	
	along	globe	pole	vote	



rope

/ō/ LONG O, OA DIGRAPH

Initial	Medial				
oak	coat	toast	approach	croak	coal
oat	soap	goat	loaf	soak	toad
oath	road	goal	groan	cloak	moan
oatmeal	coast	loan	foam	roach	throat
oaf	load	float	roast	boast	coach



boat

/ō/ LONG O, OW DIGRAPH

Initial	Medial	Final			
own	bowl	crowbar	show	follow	mow
owe	stowaway	bowling	low	tomorrow	glow
owing	snowball	mower	slow	throw	know
owner	towboat		snow	blow	crow
			row	grow	arrow
			yellow	flow	borrow



window

/ou/ OU DIPHTHONG, OW SPELLING

Medial	Final				
down	crown	towel	how	somehow	endow
town	cowboy	powder	now	eyebrow	vow
brown	power	tower	cow	bow	prow
flower	vowel	chowder	plow	scow	avow
crowd	downward	shower	allow	sow	snowplow



owl

/oi/ OI DIPHTHONG, OY SPELLING

Initial	Medial	Final			
oyster	royal	joyous	toy	decoy	convoy
	voyage	disloyal	joy	newsboy	envoy
	loyal	loyalty	enjoy	annoy	corduroy
	boycott	enjoyment	employ	soy	
	annoying	joyful	destroy	viceroy	
	employer	boyish	coy	Troy	
	boyhood		cowboy	alloy	



boy

PHONICS EXAMPLE WORDS CONTINUED

/ə/ SCHWA, O SPELLING

Initial		Medial		Final
other	oblige	mother	action	kimono
original	obstruct	money	canyon	
official	oppose	atom	weapon	
observe	occasion	second	period	
opinion	oppress	nation	mission	
objection	opossum	method	riot	



violin

/oi/ OI DIPHTHONG, OI SPELLING

Initial	Medial				
oilcloth	join	broil	coil	sirloin	joint
oilwell	point	spoil	moisture	disappoint	embroider
oily	voice	avoid	exploit	toil	typhoid
ointment	coin	poison	doily	void	
	choice	boil	soil	broiler	
	noise	turmoil	rejoice		



oil

/ou/ OU DIPHTHONG, OU SPELLING

Initial		Medial			Final
out	outer	hour	aloud	doubt	thou
our	outline	sound	found	count	
ounce	outside	about	council	boundary	
oust	outlook	around	ground		
ourselves	outcry	round	loud		
outdoors	outfield	scout	cloud		
ouch		amount	mountain		



house

/ô/ O SPELLING

Initial		Medial			
off	onto	offhand	soft	wrong	moth
office	offset	offshore	long	cloth	frost
officer	offspring	ostrich	along	toss	cross
often	onward		cost	coffee	belong
on	onset		across	strong	
offer	oncoming			song	



dog

/or/ OR VOWEL, OR SPELLING

Initial		Medial			Final
or	Oregon	short	score	corner	for
order	organ	horn	form	store	more
ore	ordinary	forget	before	north	nor
orbit	oral	born	horse	force	
orchestra	orchard	cord	story		
	orchid		important		



fork

/oo/ SHORT DOUBLE O, OO SPELLING

Medial

look	took	foot	shook	brook	cook
good	wood	stood	goodbye	wool	dogwood
book	rook	soot	lookout	notebook	rookie
afoot	hoof	cookie	football	understood	handbook
hood	crook	nook	wooden	neighborhood	overlook
motherhood					



/oo/ LONG DOUBLE O, OO SPELLING

Initial**Medial****Final**

ooze	soon	tooth	mood	too	bamboo
	school	cool	roof	zoo	cuckoo
	room	goose	loose	shampoo	boo
	food	troop	balloon	woo	igloo
	shoot	fool	noon	coo	
	smooth	boot		tattoo	
	pool	took		kangaroo	



/p/ REGULAR P CONSONANT SOUND

Initial**Medial****Final**

put	point	open	perhaps	up	ship
people	piece	example	happy	sleep	top
page	pass	paper		jump	step
pair	person	important		help	map
part	paper	upon		stop	deep
picture	pull			group	drop



/f/ SOUND, PH SPELLING

Initial**Medial****Final**

photo	phase	alphabet	cellophane	photograph	telegraph
phonics	phantom	orphan	emphasis	phonograph	graph
phrase	phonetic	nephew	gopher	autograph	triumph
physical	pharmacy	sulphur	graphic	paragraph	
physician	phoenix	geography	trophy		
pheasant	phenomenon	sophomore			



telephone

/pl/ CONSONANT BLEND

Initial**Medial**

play	place	player	supply	display	applaud
plant	plan	pleasant	multiply	explain	apply
plain	plane	plot	employ	supplying	complain
please	planets	plank	reply	surplus	
plow	plastic	plug	perplex		
plus	platform	plate	imply		



airplane

PHONICS EXAMPLE WORDS CONTINUED

/pr/ CONSONANT BLEND

Initial

pretty
price
press
print

president
prince
program
practice
prepare

present
problem
produce
property
provide

probably
prove
pray
products
propeller

Medial

surprise
April
improve
apron
express

approach
approximate
appropriate
impression



prize

/kw/ QU CONSONANT BLEND SOUND

Initial

quart
quite
question
quick
quit
queer

quiet
quack
quail
quake
quilt
quiz

quote
quill
quality

Medial

square
equal
squirrel
frequent
require
equation

liquid
equipment
equator
equivalent
squash
earthquake

squirm
sequence
squeak
inquire



queen

/r/ REGULAR R CONSONANT SOUND

Initial

run
red
right
ran
read
rat

rest
ride
road
rock
room
rod

Medial

very
part
word
around

large
story
form

Final

our
their
for
year
dear
your

other
over
water
her
after
near



ring

/s/ REGULAR S CONSONANT SOUND

Initial

some
so
see
said
soon
set

sound
say
sentence
side
same
sea

Medial

also
person
answer
himself

question
inside
system

Final

this
us
likes
makes
yes
miss

less
across
its
gas
bus
perhaps



saw

/z/ Z CONSONANT SOUND, S SPELLING

Medial

music
easy
busy
those
because
desert

observe
museum
present
result
season
poison

please
cheese
wise
these

Final

is
as
was
his
has
ours

odds
says
suds
yours
tongs
days

news
hers
does



eyes

/sc/ CONSONANT BLEND**Initial**

score
school
screen
scratch
scarf
scar

scatter
scholar
scout
scare
scramble
scrape

scream
scallop
screw
scared
scab

scoop
scrub

Medial

describe
telescope
description
microscope
nondescript
unscrew

inscribe
unscramble
microscopic
unscrupulous
telescoping
descriptive

**scale****/sh/ CONSONANT BLEND****Initial**

she
shall
show
ship
short
shape

shot
shirt
shell
sheet
shop
shut

Medial

dashed
splashing
sunshine
worship
fisherman

ashes
friendship

Final

wish
wash
fish
push
finish
fresh

rush
dish
crash
bush
flash
establish

**shoe****/sk/ CONSONANT BLEND****Initial**

sky
skin
skill
skunk
skirt
skip

skeleton
skull
skid
sketch
ski
skim

skillet
skirmish
skinny
skylark
skeptic
skate

Medial

outskirts
askew
muskrat
rollerskate
muskmelon
masked

Final

desk
task
ask
brisk

mask
husk
dusk

**desk****/sl/ CONSONANT BLEND****Initial**

slow
sleep
slept
slip
slid
slap

sled
slave
sleeve
slant
slice
slight

slope
slam
slate
slipper
sleet
slim

sly
slash
slab
sleek
slimy

Medial

asleep
landslide
onslaught
enslave
bobsled
manslaughter

oversleep
snowslide
grandslam
nonslip

**slide****/sm/ CONSONANT BLEND****Initial**

smile
smooth
smell
small
smart
smother

smash
smear
smith
smolder
smack
smog

smock
smoky
smudge
smuggle
smug
smitten

smote
smokestack
smattering
smorgasbord
smithy
smoker

smuggler
smelt
smite

Medial

blacksmith
gunsmith
silversmith
locksmith

**smoke**

PHONICS EXAMPLE WORDS CONTINUED

/sn/ CONSONANT BLEND

Initial

snow	snuggle	snapshot	sniff	snooze	snuff
snowball	snip	sneak	sniffle	snorkel	snowman
snare	snarl	snatch	snipe	snort	sniper
sneeze	snap	sneakers	snob	snout	snowy
snore	snack	sneer	snoop	snub	
snug	snail				



snake

/sp/ CONSONANT BLEND

Initial

sports	speed
space	spell
speak	spot
spring	spin
spread	spoke
special	spare

Medial

spider	inspect	despair
spend	respect	inspire
spark	respond	despite
	despise	
	unspeakable	
	respectful	

Final

clasp
crisp
gasp
grasp
wasp
lisp
wisp



spoon

/st/ CONSONANT BLEND

Initial

stop	story
step	street
stay	stand
state	star
still	study
store	strong

Medial

stick	instead	restless
stone	destroy	poster
stood	restore	tasty
	westward	
	haystack	
	destruction	

Final

best
cast
dust
fast
least
past
west



stamp

/sw/ CONSONANT BLEND

Initial

swim	switch	sweet	swollen	swampy	swarthy
swell	swallow	swift	sway	swirl	swat
swept	swung	swan	swine	swarm	swerve
sweat	swam	swagger	swoop	swear	sworn
swing	swamp	swap	swindle	swelter	swish
sweep					



sweater

/t/ REGULAR T CONSONANT SOUND

Initial

to	took
two	top
take	ten
tell	talk
too	today
time	told

Medial

city	later
into	sentence
water	until
after	

Final

not	what
at	set
it	part
out	got
get	put
but	want



table

/th/ VOICELESS TH CONSONANT DIGRAPH SOUND**Initial**

thank
think
thing
third
thirty
thick

thought
thread
threw
thumb
thunder
threat

Medial

something
author
nothing
athlete
faithful
bathtub

toothbrush
python

Final

with
both
ninth
worth
cloth
teeth

truth
death
south
fifth
bath

3

three

/th/ VOICED TH CONSONANT DIGRAPH SOUND**Initial**

the
that
them
they
this
there
than
these

though
thus
thy
thence
their
then
thou

Medial

mother
other
brother
father
although
bother
clothing
either

weather
gather
breathing
rhythm
farther
leather
northern

Final

smooth



feather

/tr/ CONSONANT BLEND**Initial**

track
tractor
train
trade
truly
try

trick
travel
tree
trim
trip
true

Medial

trouble
trap
trail
triangle
traffic

Medial

extra
electric
central
attract
entry
subtract

control
sentry
waitress
contract
patron
contrast

country
patrol



truck

/tw/ CONSONANT BLEND**Initial**

twelve
twenty
twice
twig

twirl
twine
tweed
twilight

twinkle
twist
twitter
twitch

twinge
twang
twentieth
tweet

twelfth
twill
twiddle

Medial

between
entwine
untwist
intertwine



twins

/u/ SHORT U, CLOSED SYLLABLE RULE**Initial**

up
us
under
until
ugly
uncle

unhappy
upon
usher
unusual
uproar
upset

unless
umpire

Medial

but
run
much
just
cut
funny

number
must
study
hundred
sudden
sun

such
hunt
summer
jump
gun



umbrella

PHONICS EXAMPLE WORDS CONTINUED

/ū/ LONG U, OPEN SYLLABLE RULE

Initial		Medial			Final
unit	unify	future	humid	fugitive	menu
united	unique	human	museum	funeral	
Utah	utilize	valuable	continuous	beautiful	
uniform		humor	fuel	unusual	
universe		January	bugle	musician	
usual		pupil	cubic	puny	
university		community	communicate		



music

/oo/ SHORT DOUBLE O, U SPELLING

Medial					
bullet	bush	cushion	bull's-eye	pulpit	bulldog
full	bushel	ambush	bushy	fully	armful
pull	sugar	bulletin	pullet	bullfrog	bully
push	pudding	handful	pushcart	fulfill	bullfight
put	butcher	pulley	bulldozer	bulwark	output



bull

/oo/ LONG DOUBLE O, U, AND U_E SPELLINGS

Medial					
June	flute	tune	punctuation	revolution	tuna
July	prune	conclusion	constitution	ruby	influence
truth	cruel	tube	duty	prudent	solution
junior	numeral	February	nutrition	situation	rhubarb
rule	parachute	aluminum	reduce	ruin	truly
crude					



ruler

/er/ ER VOWEL, UR SPELLING

Initial	Medial			Final	
urn	turn	purple	further	fur	spur
urban	burn	hurt	purpose	sulfur	cur
urchin	hurry	turkey	burst	murmur	bur
urge	curl	curb	surf	concur	
urgent	Thursday	nurse	church	occur	
	purse	surface		slur	



turtle

/v/ REGULAR V CONSONANT SOUND

Initial		Medial		Final	
very	vowel	over	however	give	live
visit	van	even	cover	five	move
voice	verb	never	several	love	above
vote	vase	river		gave	leave
view	violin			twelve	wave
vest	valley			have	believe



Valentine

/w/ REGULAR W CONSONANT SOUND**Initial**

we
with
will
was
work
water

way
were
word
week
would

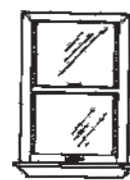
wave
win
woman
wait
want

Medial

away
reward
forward
sandwich

awake
aware
unwind
highway
backward

halfway
sidewalk
upward
midway
tapeworm

**window****/wh/ WH CONSONANT BLEND SOUND****Initial**

when
what
which
whether
where

white
while
why
wheat
whale

whip
whisper
whistle
wheeze
wharf

whiskey
whack
whiff
whimper
whiz

Medial

awhile
bobwhite
overwhelm
somewhat
everywhere

buckwheat
cartwheel
somewhere
anywhere
nowhere
meanwhile

**wheel****/r/ SOUND, WR SPELLING****Initial**

write
writing
written
wrote
wrong
wrap

wrestle
wrist
wreath
wring
wreck
wren

wretch
wrinkle
wrapper
wrathful
wreckage
wriggle

wrung
wry
wrangle

Medial

awry
rewrite
handwriting
unwrap
playwright
shipwreck

typewriter
typewritten

**wrench****/ks/ REGULAR X CONSONANT SOUND****Medial**

Mexico
Texas
mixture
extremely
sixty
expert

explain
axis
oxen
extra
excuse
exclaim

Final

fox
ax
six
tax
ox

fix
relax
mix
prefix

complex
index
lax
hex
lox

vex
wax
sex
perplex

**box****/y/ REGULAR Y CONSONANT SOUND****Initial**

you
year
yellow
yes
yell
young

youth
yawn
yard
yet
your

yam
yank
yak
yodel
yacht

yew
yeast
yen
yolk
yonder

Medial

lawyer
canyon
beyond
courtyard
barnyard

vineyard
papaya
dooryard
stockyard
backyard

**yarn**

PHONICS EXAMPLE WORDS CONTINUED

/ē/ LONG E, Y SPELLING

Medial	Final			
anything	very	happy	country	early
babysit	any	lady	city	money
everyone	many	story	really	quickly
ladybug	pretty	family	body	heavy
bodyguard	only	study	usually	ready
copying	funny	every	easy	energy
everything				



baby

/ī/ LONG I, Y SPELLING

Medial		Final			
myself	type	my	sky	shy	reply
nylon	lying	by	July	defy	sly
cycle	rhyme	why	fry	dry	deny
dying	python	buy	apply	ally	
style	hyena	cry	pry	spy	



fly

/z/ REGULAR Z CONSONANT SOUND

Initial		Medial		Final	
zero	zipper	lazy	citizen	size	quiz
zoo	zoom	crazy	frozen	freeze	whiz
zone		puzzle	grazing	prize	buzz
zest		dozen		realize	fizz
zenith		magazine		breeze	fuzz
zigzag				organize	jazz
zinc				seize	adz



zebra

See also List 1, Consonant Sounds; List 7, Suggested Phonics Teaching Order; List 11, Phonograms; List 13, Phonically Irregular Words.

LIST 10. PHONICS WORKSHEET**Name** _____**Date** _____

Here is the grapheme we are studying today:

Here is a word that uses this grapheme:

Here are five words I have found using this grapheme to make this sound:

1. _____
2. _____
3. _____
4. _____
5. _____

(As a word source for these five words, you can use the Instant Words (List 16) or a book you are reading.)

Here are two words using this grapheme and sound in words I thought up all by myself without using any list or book:

1. _____
2. _____

See also List 7, Suggested Phonics Teaching Order.

LIST 11. PHONOGRAMS

A phonogram is a vowel plus a final consonant sound; for example, the “ab”, in “cab.” As teachers, we found it difficult to find a complete list of phonograms, so we developed our own using many available lists and a rhyming dictionary. We think this is the most complete one in existence. These are useful for all kinds of games and practice in reading and spelling. Phonograms, or rimes, have been used in the teaching of reading since Colonial times and are currently used in regular classrooms, remedial/corrective reading instruction, English as a Second Language classes, and in adult literacy instruction. Because syllable rimes also include just vowel endings like -ay in “say” or -ea in “tea,” we have included some of them in this list. These phonograms are all one-syllable words; however, the same phonograms appear in many polysyllabic words.

-ab	hack	gad	-aft	gage	-ain	pair
/a/	Jack	had	/a/	page	/ā/	chair
cab	lack	lad	daft	rage	lain	flair
dab	Mack	mad	raft	sage	main	stair
gab	pack	pad	waft	wage	pain	
jab	quack	sad	craft	stage	rain	-aise
lab	rack	tad	draft		vain	/ā/
nab	sack	Brad	graft	-aid	wain	raise
tab	tack	Chad	shaft	/ā/	brain	braise
blab	black	clad		laid	chain	chaise
crab	clack	glad	-ag	maid	drain	praise
drab	crack	shad	/a/	paid	grain	
flab	knack		bag	raid	plain	-ait
grab	shack		gag	braid	slain	/ā/
scab	slack	-ade	hag	staid	Spain	bait
slab	smack	/ā/	jag		sprain	gait
stab	snack	bade	lag	-ail	stain	wait
	stack	fade	nag	/ā/	strain	strait
-ace	track	jade	rag	bail	train	trait
/ā/	whack	made	sag	fail		
face		wade	tag	Gail	-aint	-ake
lace	-act	blade	wag	hail	/ā/	/ā/
mace	/a/	glade	brag	jail	faint	bake
pace	fact	grade	crag	mail	paint	cake
race	pact	shade	drag	nail	saint	fake
brace	tact	spade	flag	pail	taint	Jake
grace	tract	trade	shag	quail	quaint	lake
place			slag	rail		make
space	-ad	-aff	snag	sail	-air	quake
trace	/a/	/a/	stag	tail	/er/ or /ar/	rake
	bad	gaff	swag	wail	fair	take
-ack	cad	chaff	-age	flail	hair	wake
/a/	dad	quaff	/ā/	snail	lair	brake
back	fad	staff	cape	trail		drake

See also List 1, Consonant Sounds; List 2, Vowel Sounds; List 12, The Most Common Phonograms.

flake	malt	champ	hand	blank	gape	share
shake	salt	clamp	land	clank	nape	snare
snake		cramp	sand	crank	rape	spare
stake	-am	scamp	bland	drank	tape	square
	/a/	stamp	brand	flank	drape	stare
	cam	tramp	gland	Frank	grape	
-ale	dam		stand	plank	scrape	-arge
/ā/	ham	-an	strand	prank	shape	/ar/
bale	jam	/a/		shank		barge
dale	Pam	ban	-ane	stank		large
gale	ram	can	/ā/	thank	-ar	charge
hale	Sam	Dan	bane		/ar/	
male	tam	fan	cane	-ant	bar	-ark
pale	yam	man	Jane	/a/	car	/ar/
sale	clam	pan	lane	can't	far	bark
tale	cram	ran	mane	pant	jar	dark
scale	dram	tan	pane	rant	mar	hark
shale	gram	van	sane	chant	par	lark
stale	scam	bran	vane	grant	tar	mark
whale	scram	clan	wane	plant	char	mark
	sham	flan	crane	scant	scar	park
-alk	slam	plan	plane	slant	spar	Clark
/aw/	swam	scan			star	shark
balk	tram	span	-ang	-ap	-ard	stark
calk		than	/ā/	/a/	/ar/	
talk	-ame		bang	cap	bard	-arm
walk	/ā/	-ance	fang	gap	card	/ar/
chalk	came	/a/	gang	lap	guard	farm
stalk	dame	dance	hang	map	hard	harm
	fame	lance	pang	nap	lard	charm
-all	game	chance	rang	pap	yard	
/ô/	lame	France	sang	rap	shard	
ball	name	glance	tang	sap		-arn
call	same	prance	clang	tap		/ar/
fall	tame	stance	slang	yap	-are	barn
gall	blame	trance	sprang	chap	/air/	darn
hall	flame		twang	clap	bare	yarn
mall	frame	-anch		flap	care	
pall	shame	/a/	-ank	scrap	dare	-arp
tall		ranch	/ā/	slap	fare	/ar/
wall	-amp	branch	bank	snap	hare	carp
small	/a/	stanch	dank	strap	mare	harp
squall	camp		hank	trap	pare	tarp
stall	damp		lank	wrap	rare	sharp
	lamp	-and	rank		ware	
-alt	ramp	/a/	sank	-ape	blare	-art
/aw/	tamp	band	tank	/ā/	flare	/ar/
halt	vamp		yank	cape	glare	cart
					scare	

PHONOGRAMS CONTINUED

dart	-asp	sat	naught	-awl	gray	bread
mart	/a/	tat	taught	/aw/	play	dread
part	gasp	vat	fraught	bawl	pray	spread
tart	hasp	brat	-aunch	brawl	slay	thread
chart	rasp	chat	/aw/	crawl	spray	tread
smart	clasp	drat	haunch	drawl	stay	-ead
start	grasp	flat	launch	shawl	stray	/ē/
-ase	-ast	scat	paunch	scrawl	sway	bead
/ā/	/a/	slat	-aunt	trawl	tray	lead
base	cast	spat	/aw/	-awn	-aze	read
case	fast	that	daunt	/aw/	/ā/	knead
vase	last	-atch	gaunt	dawn	daze	plead
chase	mast	/a/	haunt	fawn	faze	-eak
	past	batch	jaunt	lawn	gaze	/ē/
-ash	vast	catch	taunt	pawn	haze	beak
/a/	blast	hatch	flaunt	yawn	maze	leak
bash	-aste	latch	-ave	brawn	raze	peak
cash	/ā/	match	/ā/	drawn	blaze	teak
dash	baste	patch	cave	prawn	craze	weak
gash	haste	scratch	Dave	spawn	glaze	bleak
hash	paste	thatch	gave	-ax	graze	creak
lash	taste	-ate	pave	/a/	-ea	freak
mash	waste	/ā/	rave	lax	/ē/	sneak
rash	chaste	date	save	Max	pea	speak
sash	-ass	fate	wave	tax	sea	squeak
brash	/a/	gate	brave	wax	tea	streak
clash	bass	hate	crave	flax	flea	tweak
flash	lass	Kate	grave	-ay	plea	-eal
slash	mass	late	shave	/ā/	-each	/ē/
smash	pass	mate	slave	bay	/ē/	deal
stash	brass	rate	stave	day	beach	heal
thrash	class	crate	-aw	gay	leach	meal
trash	glass	grate	/aw/	hay	peach	peal
-ask	grass	plate	caw	jay	reach	real
/a/		skate	gnaw	lay	teach	seal
ask	-at	state	jaw	may	bleach	teal
cask	/a/	-ath	law	nay	breach	veal
mask	bat	/ă/	paw	pay	preach	zeal
task	cat	bath	raw	quay	screech	squeal
flask	fat	lath	saw	ray	-ead	steal
-asm	gnat	math	claw	say	/e/	-ealth
/a/	hat	path	draw	way	dead	/e/
chasm	mat	wrath	flaw	bray	head	health
plasm	pat	-aught	slaw	clay	lead	wealth
spasm	rat	/aw/	squaw	cray	read	stealth
		caught	straw	fray		

-eam /ē/ beam ream seam cream dream gleam scream steam stream team	-ear /e/ bear pear wear swear -east /ē/ beast feast least yeast -ean /ē/ bean dean Jean lean mean wean clean glean -cap /ē/ heap leap reap cheap -ear /ē/ dear fear gear hear near rear sear tear year clear shear smear spear	-ed /e/ bed fed led Ned red Ted wed led bred fled Fred shed shred sled sped -edge /e/ hedge ledge wedge dredge pledge sledge -ee /ē/ bee fee knee lee see tee wee flee free glee tree -eech /ē/ beech leech breach screach speech	-eed /ē/ deed feed heed knead need reed seed weed bleed breed creed freed greed speed steed treed tweed -eek /ē/ leek meek peek reek seek week cheek creek Greek sleek -eel /ē/ feel heel keel peel reel creel steel wheel -eem /ē/ deem seem teem	-een /ē/ keen queen seen teen green preen screen sheen -eep /ē/ beep deep Jeep keep peep seep weep cheep creep sheep sleep steep sweep -eer /ē/ beer deer jeer leer peer queer seer sneer steer -eet /ē/ beet feet meet fleet greet	sheet skeet sleet street sweet tweet -eeze /ē/ breeze freeze sneeze squeeze tweeze wheeze -eft /e/ deft heft left cleft theft -eg /e/ beg keg leg meg peg -eigh /ā/ neigh weigh sleigh -eld /e/ held meld weld -ell /e/ bell cell	dell fell hell jell knell Nell sell tell well yell dwell quell shell smell spell swell -elp /e/ help kelp yelp -elt /e/ belt felt knelt melt pelt welt dwelt smelt -em /e/ gem hem stem them -en /e/ Ben den hen
------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

PHONOGRAMS CONTINUED

Ken	-ent	-ern	-et	they	flick	dried
men	/e/	/er/	/e/	whey	slick	fried
pen	bent	fern	bet		stick	tried
ten	cent	tern	get	-ib	thick	
yen	dent	stern	jet	/i/	trick	-ief
glen	gent		let	bib		/ē/
then	Kent	-erve	met	fib	-id	brief
when	lent	/er/	net	jib	/i/	chief
wren	rent	nerve	pet	rib	bid	grief
	sent	serve	set	crib	did	thief
-ence	tent	verve	wet	glib	hid	
/e/	vent	swerve	yet		kid	-ield
fence	went	-esh	Chet	-ibe	lid	/ē/
hence	scent	/e/	fret	/i/	mid	field
whence	spent	mesh	whet	jibe	quid	yield
		flesh		bribe	rid	shield
-ench		fresh	-etch	scribe	grid	
/e/	-ep		/e/	tribe	skid	-ier
bench	/e/	-ess	fetch		slid	/i/
wench	pep	/e/	retch	-ice		brier
clench	rep	Bess	sketch	/i/	-ide	crier
drench	prep	guess	wretch	dice	/i/	drier
French	step	less		lice	bide	flier
quench		mess	-ew	mice	hide	
stench	-ept	bless	/oo/	nice	ride	-ies
trench	/e/	chess	dew	rice	side	/i/
wrench	kept	dress	few	vice	tide	dies
	wept	press	hew	price	wide	lies
-end	crept	stress	Jew	splice	bride	pies
/e/	slept	tress	knew	thrice	chide	ties
bend	swept	-est	new	twice	glide	cries
end		/e/	pew		pride	dries
fend	-erge	best	blew	-ick	slide	flies
lend	/er/	guest	brew	/i/	snide	fries
mend	merge	jest	chew	Dick	stride	skies
rend	serge	lest		hick		tries
send	verge	nest	-ex	kick	-ie	
tend		pest	/e/	lick	/i/	-ife
vend	-erk	rest	hex	Nick	die	/i/
wend	/er/	test	sex	pick	fie	fife
blend	jerk	vest	vex	quick	lie	knife
spend	clerk	west	flex	Rick	pie	life
trend		zest		sick	tie	rife
	-erm	blest	-ey	tick	vie	wife
-ense	/er/	chest	/ā/	wick	-ied	strife
/e/	berm	crest	hey	brick	/i/	
dense	germ	quest	gray	chick	died	-iff
sense	term	wrest	prey	click	lied	/i/
tense	sperm					miff

tiff	tight	dill	grim	-ince	ding	-int
cliff	blight	fill	prim	/i/	king	/i/
skiff	bright	gill	slim	mince	ping	hint
sniff	flight	hill	swim	since	ring	lint
whiff	fright	ill	trim	wince	sing	mint
	plight	Jill	whim	prince	wing	tint
	slight	kill			zing	glint
-ift		mill		-inch	bring	print
/i/	-ike	pill	-ime	/i/	cling	splint
gift	/i/	quill	/i/	cinch	fling	sprint
lift	bike	rill	dime	finch	sling	squint
rift	dike	sill	lime	pinch	spring	stint
sift	hike	till	mime	winch	sting	
drift	like	will	time	clinch	string	
shift	Mike	chill	chime	flinch	swing	-ip
swift	pike	drill	clime		thing	/i/
thrift	spike	frill	crime	-ind	wring	dip
	strike	grill	grime	/i/		hip
-ig		skill	prime	bind		lip
/i/	-ild	spill	slime	find	-inge	nip
big	/i/	still		hind	/i/	quip
dig	mild	swill	-imp	kind	binge	rip
fig	wild	thrill	/i/	mind	hinge	sip
gig	child	trill	limp	rind	singe	tip
jig		twill	chimp	wind	tinge	zip
pig			crimp	blind	cringe	blip
rig	-ile		primp	grind	fringe	chip
wig	/i/	-ilt	skimp		twinge	clip
brig	bile	/i/	blimp	-ine		drip
sprig	file	gilt		/i/		flip
swig	mile	jilt	-in	dine	-ink	grip
twig	Nile	hilt	/i/	fine	/i/	ship
	pile	kilt	bin	line	kink	skip
-igh	tile	tilt	din	mine	link	slip
/i/	vile	wilt	fin	nine	link	snip
high	smile	quilt	gin	pine	mink	strip
nigh	stile	stilt	kin	tine	pink	trip
sigh	while		pin	vine	rink	whip
thigh			sin	wine	sink	
	-ilk	-im	tin	brine	wink	-ipe
-ight	/i/	/i/	win	shine	blink	/i/
/i/	bilk	dim	chin	shrine	brink	pipe
knight	milk	him	grin	spine	chink	ripe
light	silk	Jim	shin	swine	clink	wipe
might		Kim	skin	whine	drink	gripe
night	-ill	rim	spin		shrink	snipe
right	/i/	Tim	thin	-ing	slink	stripe
sight	bill	vim	twin	/i/	stink	swipe
		brim		bing	think	tripe

PHONOGRAMS CONTINUED

-ir	fish	skit	-o	roar	lock	cog
/er/	wish	slit	/ō/	soar	mock	dog
fir	swish	spit	go	-oast	rock	fog
sir	-isk	split	no	/ō/	sock	hog
stir	/i/	twit	so	boast	tock	jog
whir	disk	-itch	pro	coast	block	log
-ird	risk	/i/	-oach	roast	clock	tog
/er/	brisk	ditch	/ō/	toast	crock	clog
bird	frisk	hitch	coach	-oat	flock	flog
gird	whisk	pitch	poach	/ō/	frock	frog
third	-isp	witch	roach	boat	shock	grog
-ire	/i/	switch	broach	coat	smock	slog
/ī/	lisp	-ite	-oad	goat	stock	smog
fire	wisp	/ī/	/ō/	moat	-od	-ogue
hire	crisp	bite	goad	gloat	/o/	/ō/
tire	-iss	kite	load	float	cod	brogue
wire	/i/	mite	road	throat	God	rogue
spire	hiss	quite	toad	-ob	mod	vogue
-irk	kiss	rite	-oak	/o/	nod	-oil
/er/	miss	site	/ō/	Bob	pod	/oi/
quirk	bliss	white	soak	cob	rod	boil
shirk	Swiss	write	cloak	fob	sod	coil
smirk	-ist	sprite	croak	gob	Tod	foil
-irt	/i/	-ive	-oal	job	clod	soil
/er/	fist	/ī/	/ō/	knob	plod	toil
dirt	list	dive	coal	lob	prod	spoil
flirt	mist	five	foal	mob	shod	broil
shirt	wrist	hive	goal	rob	trod	-oin
skirt	grist	jive	shoal	sob	-ode	/oi/
squirt	twist	live	-oam	blob	/ō/	coin
-irth	-it	chive	/ō/	glob	code	join
/er/	/i/	drive	foam	slob	lode	loin
birth	bit	strive	loam	snob	mode	groin
firth	fit	thrive	roam	-obe	node	-oist
girth	hit	-ix	-oan	/ō/	rode	/oi/
mirth	kit	/i/	/ō/	lobe	strode	foist
-ise	knit	fix	Joan	robe	-oe	hoist
/ī/	lit	mix	loan	globe	/ō/	joist
guise	pit	six	moan	probe	doe	moist
rise	quit	-o	groan	-ock	foe	-oke
wise	sit	/oo/	-oar	/o/	hoe	/ō/
-ish	wit	do	/or/	dock	Joe	coke
/i/	flit	to	boar	hock	toe	joke
dish	grit	who		knock	woe	poke
					-og	woke
					/o/	

yoke	-olt	-one	-ood	-oon	-op	-ore
broke	/ō/	/ō/	/oo/	/oo/	/o/	/or/
choke	bolt	bone	food	coon	bop	bore
smoke	colt	cone	mood	loon	cop	core
spoke	jolt	hone	brood	moon	hop	fore
stoke	molt	lone		noon	mop	gore
stroke	volt	tone		soon	pop	more
		zone	-oof	croon	sop	pore
		clone	/oo/	spoon	top	sore
-old	-om	crone	goof	swoon	chop	tore
/ō/	/o/	drone	roof		crop	wore
bold	Mom	phone	proof	-oop	drop	chore
cold	Tom	prone	spoof	/oo/	flop	score
fold	prom	shone		coop	plop	shore
gold		stone	-ook	hoop	prop	snore
hold	-ome		/oo/	loop	shop	spore
mold	/ō/	-ong	book	droop	slop	store
old	dome	/aw/	cook	scoop	stop	swore
sold	home	bong	hook	sloop		
told	Nome	dong	look	snoop	-ope	-ork
scold	Rome	gong	nook	stoop	/ō/	/or/
	tome	long	took	swoop	cope	cork
	gnome	song	brook	troop	dope	fork
-ole	chrome	tong	shook		hope	pork
/ō/		prong		-oor	lope	York
dole	-ome	strong		/oo/	mope	stork
hole	/u/	thong	-ool	poor	nope	
mole	come	wrong	/oo/	boor	pope	
pole	some		cool	moor	rope	-orm
role		-oo	fool	spoor	grobe	/or/
stole	-omp	/oo/	pool		scope	dorm
whole	/o/	boo	tool	-oose	slope	form
	pomp	coo	drool	/oo/		norm
-oll	romp	goo	school	goose		storm
/ō/	chomp	moo	spool	loose	-orch	
poll	stomp	poo	stool	moose	/or/	
roll		too		noose	porch	-orn
toll	-on	woo	-oom		torch	/or/
droll	/u/	zoo	/oo/	-oot	scorch	born
knoll	son	shoo	boom	/oo/		corn
scroll	ton		doom	boot	-ord	horn
stroll	won		loom	hoot	/or/	morn
troll		-ood	room	loot	cord	torn
	-ond	/oo/	zoom	moot	ford	worn
-oll	/o/	good	bloom	root	lord	scorn
/o/	bond	hood	broom	toot	chord	shorn
doll	fond	wood	gloom	scoot	sword	sworn
loll	pond	stood	groom	shoot		thorn
moll	blond					
	frond					

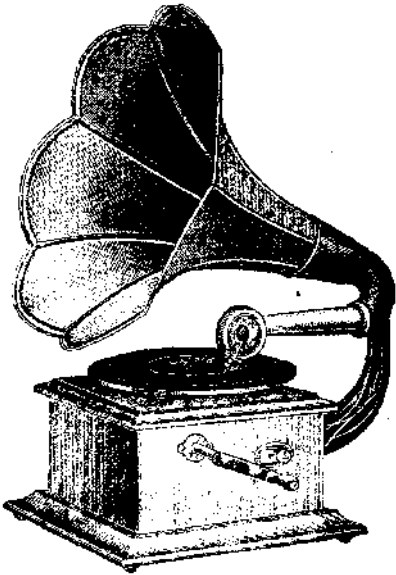
PHONOGRAMS CONTINUED

-ort	hot	-oud	croup	wove	-owl	coy
/or/	jot	/ow/	group	clove	/ow/	joy
fort	knot	loud	stoup	drove	fowl	Roy
Mort	lot	cloud		grove	howl	soy
port	not	proud	-our	stove	jowl	toy
sort	pot		/ow/	trove	growl	ploy
short	rot	-ough	hour		prowl	
snort	tot	/u/	sour	-ove	scowl	-ub
sport	blot	rough	flour	/u/		/u/
	clot	tough	scour	dove	-own	cub
-ose	plot	slough	-ouse	love	/ow/	dub
/ō/	shot		/ow/	glove	down	hub
hose	slot	-ought	douse	shove	gown	nub
nose	spot	/aw/	house		town	pub
pose	trot	bought	louse	-ow	brown	rub
rose		fought	mouse	/ō/	clown	sub
chose	-otch	ought	rouse	bow	crown	tub
close	/o/	sought	souse	know	drown	club
prose	botch	brought	blouse	low	frown	drub
those	notch	thought	grouse	mow		flub
	blotch	-ould	spouse	row	-own	grub
-oss	crotch	/oo/	-out	sow	/ō/	scrub
/aw/	Scotch	could	/ow/	tow	known	shrub
boss		would	bout	blow	mown	snub
loss	-ote	should	gout	crow	sown	stub
moss	/ō/		lout	flow	blown	
toss	note	-ounce	pout	glow	flown	-ube
cross	quote	/ow/	rout	grow	grown	/ōo/
floss	rote	bounce	tout	show	shown	cube
gloss	vote	pounce	clout	slow	thrown	rube
	wrote	founce	flout	snow		tube
-ost		trounce	grout	stow	-owse	-uck
/ō/	-oth		scout		/ow/	/u/
cost	/aw/	-ound	shout	-ow	dowse	buck
lost	moth	/ow/	snout	/ow/	browse	duck
frost	broth	bound	spout	bow	drowse	luck
	cloth	found	sprout	cow		muck
-ost	froth	hound	stout	how	-ox	puck
/ō/	sloth	mound	trout	now	/o/	suck
host		pound		row	box	tuck
most	-ouch	round	-outh	sow	fox	Chuck
post	/ow/	sound	/ow/	vow	lox	cluck
ghost	couch	wound	mouth	brow	pox	pluck
	pouch	ground	south	chow		shuck
-ot	vouch			plow	-oy	stuck
/o/	crouch	-oup	-ove	prow	/oi/	struck
cot	grouch	/ōo/	/ō/	scow		truck
dot	slouch	soup	cove			
got						

-ud /u/	muff puff ruff bluff fluff gruff scuff sluff snuff stuff	hulk sulk	flume plume spume	tune prune	-up /u/	-us /u/
bud cud dud mud spud stud thud					cup pup sup	bus pus plus thus
-ude /oo/	-ug /u/	-ull /u/	-ump /u/	-ung /u/	-ur /er/	-use /ū/
dude nude rude crude prude	bug dug hug jug lug mug	cull dull gull hull lull mull skull	bump dump hump jump lump pump rump chump clump frump grump plump slump stump thump trump	dung hung lung rung sung clung flung sprung stung strung swung wrung	cur fur blur slur spur	fuse muse ruse
-udge /u/	-um /u/	-ull /oo/	-un /u/	-unk /u/	-ure /ū/	-ush /u/
budge fudge judge nudge drudge grudge sludge smudge trudge	tug chug drug plug shrug slug smug snug thug	bull full pull	bun fun gun nun pun run sun shun spun stun	bunk dunk funk hunk junk punk sunk chunk drunk flunk plunk shrunk skunk slunk spunk stunk trunk	cure lure pure sure	gush hush lush mush rush blush brush crush flush plush slush thrush
-ue /oo/	-uke /oo/	-um /u/	-unch /u/	-unt /u/	-url /er/	-uss /u/
cue due hue Sue blue clue flue glue true	duke nuke puke fluke	bum gum hum mum rum sum chum drum glum plum scum slum strum swum	bunch hunch lunch munch punch brunch crunch	chunk drunk flunk plunk shrunk skunk slunk spunk stunk trunk	burl curl furl hurl purl churl knurl	buss cuss fuss muss truss
-uff /u/	-ule /ū/	-umb /u/	-une /ū/		-urse /er/	-ust /u/
buff cuff huff	mule pule rule yule	dumb numb crumb plumb thumb	June	bunt hunt punt runt blunt grunt shunt stunt	curse nurse purse	bust dust gust just lust must rust crust thrust trust
	-ulk /u/	-ume /oo/			-urt /er/	
	bulk	fume			curt hurt blurt spurt	

PHONOGRAMS CONTINUED

-ut	Tut	hutch	mute	putt	fry	why
/u/	glut	clutch	brute		ply	
but	shut	crutch	chute	-y	pry	-ye
cut	smut		flute	/i/	shy	/i/
gut	strut	-ute		by	sky	aye
hut		/ū/	-utt	my	sly	dye
jut	-utch	cute	/u/	cry	spy	eye
nut	/u/	jute	butt	dry	spry	lye
rut	Dutch	lute	mutt	fly	try	rye



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See also List 1, Consonant Sounds; List 2, Vowel Sounds.

LIST 12. THE MOST COMMON PHONOGRAMS

A phonogram, or rime, is usually a vowel sound plus a consonant sound, but it is often less than a syllable and therefore less than a word. When a consonant sound is added at the beginning, or at the onset, the two form many recognizable words. Adding single consonants or consonant blends to common phonograms is an excellent way to quickly build reading and spelling vocabulary. This list includes the most common phonograms ranked in the order of the number of words they can form.

Rime	Example Words					Rime	Example Words				
-ay	jay	say	pay	day	play	-ug	rug	bug	hug	dug	tug
-ill	hill	Bill	will	fill	spill	-op	mop	cop	pop	top	hop
-ip	dip	ship	tip	skip	trip	-in	pin	tin	win	chin	thin
-at	cat	fat	bat	rat	sat	-an	pan	man	ran	tan	Dan
-am	ham	jam	dam	ram	Sam	-est	best	nest	pest	rest	test
-ag	bag	rag	tag	wag	sag	-ink	pink	sink	rink	link	drink
-ack	back	sack	Jack	black	track	-ow	low	slow	grow	show	snow
-ank	bank	sank	tank	blank	drank	-ew	new	few	chew	grew	stew
-ick	sick	Dick	pick	quick	chick	-ore	more	sore	tore	store	score
-ell	bell	sell	fell	tell	yell	-ed	bed	red	fed	led	Ted
-ot	pot	not	hot	dot	got	-ab	cab	dab	jab	lab	crab
-ing	ring	sing	king	wing	thing	-ob	cob	job	rob	Bob	knob
-ap	cap	map	tap	clap	trap	-ock	sock	rock	lock	dock	block
-unk	bunk	sunk	junk	skunk	trunk	-ake	cake	lake	make	take	brake
-ail	pail	jail	nail	sail	tail	-ine	line	nine	pine	fine	shine
-ain	rain	pain	main	chain	plain	-ight	light	night	right	fight	sight
-eed	feed	seed	weed	need	freed	-im	him	Kim	rim	grim	brim
-y	my	by	dry	try	fly	-uck	duck	luck	buck	truck	stuck
-out	pout	trout	scout	shout	spout	-um	gum	bum	hum	drum	plum

See also List 11, Phonograms.

LIST 13. PHONICALLY IRREGULAR WORDS

As every reading teacher knows, there are many words that do not follow regular phonics or spelling rules. This list contains common words that are not pronounceable using regular phonics rules. Students need to learn to recognize them on sight and to memorize their spellings. See also words with silent letters in Consonant Sounds, List 1.

a	does	listen	said	usually
adjective	door	live	science	want
again	earth	many	should	was
although	enough	measure	sign	watch
answer	example	most	some	water
any	eyes	mother	something	where
are	father	mountain	stretch	were
become	feather	move	subtle	what
been	find	of	sure	who
both	four	off	the	woman
bread	friends	often	their	women
brought	from	old	there	words
climbed	give	on	they	work
cold	great	once	though	world
color	group	one	thought	would
come	have	only	through	you
could	heard	other	to	young
country	island	people	today	your
design	kind	picture	two	youth
do	learn	piece		

LIST 14. STANDALONES

Words in the English language often follow patterns—similar sounds and/or spellings. Just take a look at the number of phonograms in List 11. Or think about how easy it is to rhyme most longer words. The list below contains words that have no “close cousins” or rhymes. Can you think of any other words for which there is no true rhyme?

bulb	hundred	nothing	tablet
dreamt	hungry	orange	wasp
druggist	infant	purple	Wednesday
exit	month	silver	zebra
film	noisy	sixth	

LIST 15. SYLLABICATION RULES*

The teaching of syllabication rules is somewhat controversial. Some say you should, and some say it is not worth the effort. Syllables sometimes are part of phonics lessons because syllabication affects vowel sounds (for example, an open vowel rule), and sometimes they are part of spelling or English lessons. There is no close agreement on various lists of syllabication rules, and some of the rules have plenty of exceptions. We are not urging you to teach them, but neither are we urging you to refrain from doing so.

Rule 1. VCV[†]

A consonant between two vowels tends to go with the second vowel unless the first vowel is accented and short.

Examples: *bro'-ken, wag'-on, e-vent'*

Rule 2. VCCV

Divide two consonants between vowels unless they are a blend or digraph. (See List 1.)

Examples: *pic-ture, ush-er*

Rule 3. VCCCV

When there are three consonants between two vowels, divide between the blend or the digraph and the other consonant.

Example: *an-gler*

Rule 4. Affixes

- Prefixes always form separate syllables (*un-hap-py, re-act*).
- Suffixes form separate syllables if they contain a vowel sound.
- The suffix *-y* tends to pick up the preceding consonant to form a separate syllable.
Example: *fligh-ty*
- The suffix *-ed* tends to form a separate syllable only when it follows a root that ends in *d* or *t*.
Example: *plant-ed* (not in stopped)
- The suffix *-s* never forms a syllable except sometimes when it follows an *e*.

Examples: *at-oms, cours-es*

Rule 5. Compounds

Always divide compound words.

Example: *black-bird*

*Source: Costigan, P. (1977) *A Validation of the Fry Syllabification Generalization*. Unpublished master's thesis, Rutgers University, New Brunswick, NJ. Available from ERIC.

[†]V = vowel; C = consonant.

NOTE: These rules tend to give phonetic (sound) division of syllables that is in harmony with phonics instruction. Dictionaries tend to favor morphemic (meaning) division for main entries. Often, this does not conflict with the phonetic (pronunciation) division but sometimes it does; for example, "skat-er" morphemic versus "ska-ter" phonetic. The "er" is a morphemic (meaning) unit meaning "one who."

SYLLABICATION RULES CONTINUED

- Rule 6. Final *le*** Final *le* picks up the preceding consonant to form a syllable. Example: *ta-ble*
- Rule 7. Vowel Clusters** Do not split common vowel clusters, such as:
- R*-controlled vowels (*ar, er, ir, or, and ur*).
Example: *ar-ti-cle*
 - Long vowel digraphs (*ea, ee, ai, oa, and ow*).
Example: *fea-ture*
 - Broad *o* clusters (*au, aw, and al*).
Example: *au-di-ence*
 - Diphthongs (*oi, oy, ou, and ow*).
Example: *thou-sand*
 - Double *o* like *oo*.
Examples: *moon, look*
- Rule 8. Vowel Problems** Every syllable must have one and only one vowel sound.
- The letter *e* at the end of a word is usually silent.
Example: *come*
 - The letter *y* at the end or in the middle of a word operates as a vowel. At the beginning of a word it is a consonant.
Examples: *ver-y, cy-cle, yes*
 - Two vowels together with separate sounds form separate syllables.
Example: *po-li-o*



See also List 29, More Prefixes, List 31, More Suffixes.