

# Phoneme-Grapheme Correspondences and Examples



## Consonant Sounds

	Phonemes	Graphemes	Examples
Stops	/p/	p	<u>p</u> encil
	/b/	b	<u>b</u> at
	/t/	t, -ed	<u>t</u> aco, shock <u>e</u> d
	/d/	d, -ed	<u>d</u> inosaur, fill <u>e</u> d
	/k/	c, k, -ck, ch	<u>c</u> at, <u>k</u> id, duck <u>k</u> , sch <u>o</u> ol
	/g/	g, gh	<u>g</u> ame, <u>gh</u> ost
	Nasals	/m/	m, mb
/n/		n, kn, gn	<u>n</u> et, <u>kn</u> ight, <u>gn</u> u
/ŋ/		n, n+k	ring, sink
Fricatives	/f/	f, -ff, ph, gh	<u>f</u> ish, <u>cu</u> ff, <u>ph</u> one, laugh
	/v/	v, -ve	<u>v</u> an, <u>gi</u> ve
	/θ/	th	feath <u>er</u>
	/ð/	th	<u>th</u> umb
	/s/	s, -ss, -ce, c	<u>s</u> ock, <u>ba</u> ss, <u>fa</u> ce, <u>ci</u> ty
	/z/	z, -s, -zz	<u>z</u> ebra, bug <u>s</u> , <u>ja</u> zz
	/ʃ/	sh, ch	<u>sh</u> ell, <u>ch</u> ef
	/ʒ/	s, si, ge	treas <u>ure</u> , vis <u>ion</u> , beig <u>e</u>
	/h/	h, wh	<u>h</u> en, <u>wh</u> ole
Affricates	/tʃ/	ch, -tch	<u>ch</u> eese, <u>h</u> atch
	/dʒ/	j, -dge, -ge, g	<u>j</u> ar, <u>jud</u> ge, <u>ca</u> ge, <u>g</u> em
Glides	/y/	y	<u>y</u> arn
	/hw/	wh	<u>wh</u> eel
	/w/	w, wh	<u>w</u> agon, <u>wh</u> isk
Liquids	/l/	l, -ll	<u>l</u> eaf, bell
	/r/	r, wr	<u>r</u> at, <u>wr</u> ite

## Short Vowel Sounds

Phonemes	Graphemes	Examples
/ă/	a	<u>a</u> pple
/ĕ/	e, ea	<u>e</u> dge, <u>br</u> ea <u>d</u>
/ĭ/	i, y	<u>i</u> guana, <u>cr</u> yst <u>a</u> l
/ŏ/	o, a	<u>o</u> tter, <u>sw</u> an
/ŭ/	u, o_e	<u>u</u> p, <u>do</u> ve
/ə/	a, i, o, u, e, y	<u>ba</u> ll <u>oo</u> n, <u>hel</u> l <u>i</u> co <u>pt</u> er, <u>mo</u> n <u>ke</u> y, <u>un</u> der, <u>ca</u> me <u>ra</u> , <u>vin</u> yl

## Long Vowel Sounds

Phonemes	Graphemes	Examples
/ā/	a_e, ai, ay, ea, a, ei, ey, eigh, aigh	<u>t</u> ape, <u>ra</u> in, <u>ha</u> y, <u>st</u> eak, <u>a</u> pron, <u>ve</u> il, <u>pr</u> ey, <u>ei</u> ght, <u>str</u> aight
/ē/	e_e, ee, ea, y, e, ey, ie, ei	concr <u>e</u> te, <u>bee</u> , <u>tea</u> , candy, <u>fe</u> ver, tur <u>ke</u> y, <u>fi</u> eld, <u>ce</u> iling
/ī/	i_e, ie, -igh, y, i	<u>hi</u> ve, <u>ti</u> e, <u>li</u> ght, <u>cr</u> y, <u>ir</u> on
/ō/	o_e, oa, oe, o, ow, ough	<u>bo</u> ne, <u>bo</u> at, <u>to</u> e, <u>ro</u> bot, <u>cr</u> ow, <u>do</u> ugh
/ū/	u_e, u, oo, ue, ui, ew, ou	<u>tu</u> be, <u>tu</u> lip, <u>to</u> oth, <u>gl</u> ue, <u>ju</u> ice, <u>ne</u> ws, <u>so</u> up
/yū/	u_e, u, ew, eu, ue	<u>cu</u> be, <u>un</u> iform, <u>fe</u> w, <u>fe</u> ud, <u>bar</u> bec <u>ue</u>

## Diphthongs and Other Vowel Sounds

Phonemes	Graphemes	Examples
/oy/	oy, oi	<u>to</u> ys, <u>bo</u> il
/ow/	ow, ou	<u>ow</u> l, <u>cl</u> oud
/aw/	au, aw, a, augh, ough	<u>sa</u> uce, <u>sa</u> w, <u>ba</u> ll, <u>ca</u> ught, <u>bo</u> ught
/oo/	oo, u	<u>bo</u> ok, <u>bu</u> sh

## R-Controlled Vowel Sounds

Phonemes	Graphemes	Examples
/ar/	ar	<u>ba</u> rn
/er/	er, ir, ur, ear, ar, or	<u>fer</u> n, <u>bir</u> d, <u>pur</u> se, <u>ear</u> th, <u>doll</u> ar, <u>doct</u> or
/or/	or, ore	<u>co</u> rn, <u>sto</u> re