Introduction: Reading Words Aloud = Pronouncing New Vocabulary



Vowel sounds at the *top* of the diagram are pronounced with the lips *closed flat* or *spread* in the *front* of the mouth and *rounded* at the *back*.



Vowel sounds at the bottom of the diagram are pronounced with the mouth open. To use new words and phrases in speaking, we need to know their *pronunciation*. There are several ways to learn how to say (articulate) vocabulary items aloud:

- Ask a clear native speaker of English to read each new item aloud. Imitate his or her pronunciation. Ask if you're correct—or at least understandable.
- Say the word or phrase aloud according to the rules of *phonics*—the patterns of letters and sounds in English.
- Look up the vocabulary item in a dictionary. Read aloud the symbols for sounds that show how to pronounce it. Better yet—type the word into an online program and click on "Sound" to *hear* its correct pronunciation.

Dronouncing Vowel Sounds

The diagrams of the mouth on the next two pages show *where* to pronounce the main 16 vowel sounds of American English. In the left part of each diagram are the "front vowels" (pronounced with the tongue in the *front* of the mouth). In the middle are the "central" ones articulated with the tongue in the *middle* of the mouth. On the right side of the diagram are the "back vowels" said with the tongue in the *back* of the mouth).

Pronounce the vowel sounds at the *top* of the diagram with *closed* lips—*flat* for the *front vowels* and *rounded* for the *back vowels*. Pronounce the *central vowels* with the mouth *half open*. Say the vowel sounds at the *bottom* with *open lips*.

For each vowel sound, there's a sound-symbol from the *IPA* (the *International Phonetic Alphabet*) between slashes / /. There's also a key word to pronounce. Practice each sound and example well and remember it. *nstructions:* To practice clear pronunciation of the *vowel sounds of American English*, work with a (near-)native speaker of the language, if possible.

- 1. First, imitate his or her pronunciation of each sound-symbol (between slashes / /) in the two *Mouth Diagrams*. Then repeat each *Key Word* (*as in . . .*) several times.
- 2. Next, listen carefully to a (near-)native speaker's pronunciation of the sounds and words in mixedup order. Identify each sound by number. Then repeat the sound and the word several more times.
- 3. Now pronounce the sounds and key words in mixed-up order yourself. Your listener(s) will try to identify the sound by number (1-7 and 10-16).

What's a "simple" vowel sound?

A "simple" vowel sound is one sound only. It's not a combination of two sounds. In some books, it's called a "short vowel sound," even if it's not pronounced quickly. There are seven (1) "simple" vowels in American English between slashes / / in this Diagram.





What's a "complex" vowel sound?

A "complex" vowel sound consists of *two sounds* said together. It "counts" as *one vowel sound*.

In some books, it's called a "long vowel"—even if it's pronounced quickly for a short time.

It may also be called a "tense vowel" or a "diphthong."

What are *doubled sounds* or *glides*?

Notice that all the symbols for *complex vowel sounds* are <u>doubled</u>—that is, there are *two* sound-symbols between the slashes of each pair / /.

To articulate a complex vowel sound, begin with your tongue in the position of the *first* symbol. Then <u>glide</u> it to the *second* position. Keep the mouth muscles *tense*.

(The arrow lines show the direction of the glides.)

Where are the "missing" Sounds 8 and 9?

Although variants of *Sounds* /0-/6 exist before /r/, they're not very different from those shown above.

But Sounds 8 & 9—/ä/ and /û/—come only before the /r/ sound, as in b<u>a</u>r or p<u>art; berth, bi</u>rd, or b<u>u</u>rr

It's difficult to show these vowels in a mouth diagram. They're the *only* "simple" vowel sounds that come before /r/, by the way.

Reading Words Aloud—*How Letters* Spell Vowel Sounds

To learn to use new vocabulary items in speaking, we should know *how* to pronounce the sixteen vowel sounds clearly. But that isn't enough. We must also know *when* to pronounce each sound. In other words, it helps to know the *phonics* patterns of American English—the relationships between letters and sounds.

If we know the most common patterns of phonics, we can *guess* how to read aloud new words with regular and alternative spellings. Then we can check our guesses with a native speaker, a dictionary, and/or a computerized audio model to imitate.

The *Phonics Chart* on the next two pages shows how sixteen (16) vowel sounds of American English correspond to the most frequent spellings for those sounds. In the first column are *IPA* (*International Phonetic Alphabet*) symbols for these sounds and *Key Words* from the *Mouth Diagrams*. In the second column are the most common letters or letter combos that spell those sounds. In the last column are examples of words with those spellings. The letters that spell the vowel sounds are <u>underlined</u>.

Instructions: For each vowel in the *Vowel-Sound Phonics Chart* that follows, read aloud the [vowel sound between brackets], its *key word*, and the given *examples* of words with that sound. If possible, work with and/or imitate models from a clear (near-)native speaker of English. Work on the sounds that are difficult for you until you can articulate them distinctly or at least understandably. Here are a few more possible steps:

- Partner with one or more speakers of languages other than American English, preferably people with noticeable non-native accents. Your listeners can "judge" the clarity of each word you read aloud and perhaps suggest changes. If they repeat your words back to you or try to spell them in writing, you'll get an idea of what they heard you say—and/or how they choose to pronounce it. Comparison will help you master the important features of sounds in context.
- As closely as possible, imitate the pronunciation of words on the Audio that goes with this Worktext. Record your pronunciation. Compare the two versions. Keep working on each sound until you're sure that your pronunciation is optimal for your purposes.

What if we don't know the soundsymbols of the *IPA = International Phonetic Alphabet?*

If you can *produce* sounds clearly, you don't need to memorize any symbols used in this Worktext.

But if you want to <u>view</u> the articulation of new words, you should learn how to read the symbols of *that* book or online device. (Not all use the same phonetic symbols.)

Is there *Audio* that corresponds to the vocabulary in *WHAT'S the WORD*?

Yes, available as *CDs* or—better yet direct downloads.

Or you can have a (near-)native speaker record customized audio just for you.

And of course, if there *is* one, you can click on the *Audio Button* of any individual item you look up in an online dictionary. Vowel-Sound Phonics (Sound Symbols & Alphabet Letters)

Simple (Lax, "Short") Vowel Sounds

Sound-Symbol & Key Word (Illustrated)	Common Spellings (Letters)	Examples of Words with Each Sound		
1. /æ/ as in b <u>a</u> t	а	<u>a</u> sk gl <u>a</u> d <u>a</u> dd m <u>a</u> gic pr <u>a</u> ctice		
2. Æl as in b <u>e</u> t	e, ea	r <u>e</u> d t <u>e</u> ll corr <u>e</u> ct r <u>ea</u> d (past) h <u>ea</u> lth		
3. /I/as in b <u>i</u> t	i, y	h <u>i</u> m w <u>i</u> th m <u>i</u> ss p <u>i</u> cture gym		
4. / Q/ as in pot	o, a	ph <u>o</u> nics t <u>o</u> pic f <u>a</u> ther c <u>a</u> lm		
5. /\/\\#\ as in b <u>u</u> t	u , o	<u>u</u> s r <u>ug</u> s <u>u</u> n s <u>o</u> n <u>o</u> ther t <u>o</u> ngue		
6. /V/ as in p <u>u</u> t	u, oo	p <u>u</u> sh, f <u>u</u> ll, s <u>u</u> gar, g <u>oo</u> d, b <u>oo</u> k, r <u>oo</u> f		
7. /S/as in b <u>ough</u> t	a, au, o	t <u>a</u> lk c <u>a</u> ll <u>a</u> lways <u>au</u> thor bec <u>au</u> se l <u>o</u> ng d <u>og</u>		
8. /ä/as in p <u>a</u> rty	а	f <u>a</u> r st <u>a</u> rt p <u>a</u> rk sm <u>a</u> rt		
9. /Û /as in B <u>e</u> rt	ea, e, i, o, u	h <u>ea</u> rd, l <u>ea</u> rn, p <u>e</u> rt, <u>gi</u> rl, st <u>i</u> r, w <u>o</u> rd, w <u>o</u> rld, f <u>u</u> rther		

How can we tell if a word has a <u>simple</u> (lax) or a <u>complex</u> (tense) vowel sound?

Here are the most reliable phonics rules for simple vs. complex vowel sounds:

 If there's only one vowel letter in a word or syllable that ends in a consonant, it contains a simple vowel sound. Some examples are <u>ask</u>, r<u>e</u>d, <u>hi</u>m, ph<u>o</u>nics, other, sugar, <u>always</u>.

 If there are two letters together or if the word or syllable ends in final silent -<u>e</u> after a consonant, then it contains a complex vowel.
Examples are day, main, name, sea, need, coat, rode, school, rude, found, about, boys, and coin-and many more.

But as you can see from this *Vowel-Sound Phonics Chart*, there are many exceptions to these rules.

Also, this *Chart* does not contain *all* vowel spellings in American English. There are other less common spellings and exceptions to these phonics patterns.

Why should we pronounce the words aloud? Can't we just look at the spelling of the vowel sounds to find the rhymes?

Remember-most letters can represent more than one English sound, and the same sound can have more than one spelling. Don't get confused between letters and sounds. This activity may be harder than it looks!

But how can identical letters spell different sounds in other words?

Most peopleincluding native speakers-find **English spelling** difficult. This is because there are many different phonetic relationships between sounds and letters. Probably, this complex system comes from the long history of **English in various** areas of the world. *nstructions:* Can you read aloud words with the sixteen different vowel sounds of English? Can you tell when words *rhyme*—that is, when they have the same pronunciation except for the consonant sounds at the beginning? Can you tell when words have *different* vowel sounds—even if the vowel *letters* are the same?

To find out, read aloud the words in each group. Circle all the words that rhyme with the *Key Word* (the word for the picture). The symbol shows the vowel sound in all the rhyming words. (To help you, some answers are given.)





fond hand gun lend sound ran

kind found son

Which Rimes or Vowel Sounds 1-4 do these words contain?

Reading Words Aloud—*How Letters Spell* Consonant Sounds

Sixteen (16)of the consonant sounds in English exist in pairs, like /b/ and /p/, /d/ and /t/, /v/ and /f/, and so on. This means that the mouth produces the two sounds of each pair *in the same way*—except that one sound is "voiced" (produced with the vocal cords) and the other is "unvoiced" or "voiceless" (produced without using the vocal cords).

The other eight consonant sounds—/m/, /n/, /r/, /y/, and so on—*don't* exist in pairs. Except for /h/, all of these consonant sounds are *voiced*.

On the next two pages is a *Phonics Chart* for the 24 consonant sounds of American English. It shows a symbol and a *Key Word* for each sound. There's also a diagram and instructions for pronouncing it. Finally, there are sample words that show many of the spellings of each sound: these are <u>underlined</u>.

Most consonant letters always spell the *same* sounds—even doubled consonants (like *bb* or *ll*) or *digraphs* (consonant combinations like *th*, *sh*, and *ng*). But *Sounds 6* and *10-16*—/k/, /f/, /z/, /s/, /z/, /sh/, /j/, and /ch/— have several *different spellings*. Often, the spelling depends on the position of the consonant sound in the word or the vowel sound before the consonant. Other times, it's determined by the vowel letter that *follows* the consonant sound.

Of course, there are also exceptions to these phonics patterns for consonant sounds and letters. These unusual spellings seldom occur.

nstructions: To acquire clear pronunciation of the *consonant sounds* of American English, work with a (near-)native speaker of the language, if possible. Use the *Consonant Phonics Charts* on the next three pages.

First, imitate the correct pronunciation of each soundsymbol (between slashes / /) and key word in *Columns 1* and 2. Follow the instructions in the mouth diagram (*Column 3*) for saying the sound. Then repeat the sample words in the last two columns several times. Notice that most of these words are *in pairs*—the words in each pair are the same except for the contrast between one voiced and one voiceless sound.

Read aloud the sample words on your own. Your listener(s) will "judge" the clarity of your pronunciation. They can also identify each consonant sound by number (*1-24*) and tell if they hear it as *voiced* or *voiceless*.

What's the difference between *vowel* and *consonant* sounds?

We say*vowel* sounds without any two parts of the mouth touching. It's the position of the lips and tongue inside the mouth that produces 16 different vowel sounds. All vowel sounds are "voiced"that is, we use our vocal cords (our "voice") to produce them.

We produce consonant sounds with two parts of the mouth touching or almost touching.

For example, we might put our lips together or touch the tongue to the teeth or some other part of the mouth-like the tongue ridge or (hard or soft) palate.

Consonant-Sound Phonics (Sound-Symbols, Pronunciation, & Letters)				
	Symbols Words	How to Pronounce this Pair	with eac	s of Words ch Sound pelling
VOICED	VOICELESS	of Sounds	VOICED	VOICELESS
1. 10/as in <u>b</u> ay	2. /p/as in <u>p</u> ay	Put both lips together. Then release the air.	<u>big b</u> un <u>b</u> ad <u>b</u> ear sym <u>b</u> ol ca <u>b</u> ro <u>b</u> e	pig pun pad pear simple cap rope
3. /d/as in <u>d</u> ie	4. / / / as in <u>t</u> ie	Put the tip of the tongue on the ridge behind the upper teeth. Then release the air.	<u>d</u> o <u>d</u> oll <u>d</u> ear <u>d</u> ime ri <u>d</u> er ri <u>d</u> e sa <u>d</u>	<u>t</u> oo <u>t</u> owel <u>t</u> ear <u>t</u> ime wri <u>t</u> er righ <u>t</u> sa <u>t</u>
5. /g/as in <u>g</u> old	6. /K/as in <u>c</u> old	Touch the back of the tongue to the back of the mouth. Then release the air.	game girl gold glass beggar rag league	<u>c</u> ame <u>c</u> url <u>c</u> old <u>c</u> lass ba <u>k</u> er ra <u>ck</u> lea <u>k</u>
7. N/as in <u>v</u> ine	8. /f/as in <u>f</u> ine	Touch the lower lip to the upper teeth. Then push the air through.	<u>v</u> ery <u>v</u> an <u>v</u> ale <u>v</u> ase sa <u>v</u> er sa <u>v</u> e lea <u>v</u> e	<u>f</u> erry <u>f</u> an <u>f</u> ail <u>f</u> ace sa <u>f</u> er
9. /ð/ as in <u>th</u> is	10. /θ / as in <u>th</u> ing	Put the tip of the tongue between the upper & lower teeth. Push the air through.	<u>th</u> an <u>th</u> is <u>th</u> at <u>th</u> eir ei <u>th</u> er ba <u>th</u> e brea <u>th</u> e	<u>th</u> ank <u>th</u> in <u>th</u> ief e <u>th</u> er ba <u>th</u>
11. / Z / as in <u>z</u> oo	12. /S/ as in <u>s</u> ue	Put the tip of the tongue near the bottom teeth but not touching. Push the air through.	zealzinczipzoomrazorraiseprizeclose(verb)	<u>s</u> eal <u>s</u> ink <u>s</u> ip <u>s</u> oon ra <u>c</u> er ra <u>c</u> e pri <u>c</u> e close (adj.)

Are there more techniques to help distinguish between voiced and voiceless consonants?

Here are some hints for saying *Consonants 1-16*:

At the start of a syllable before a vowel sound-add a puff of air to / p t k /. Include air with other voiceless sounds too-/ f θ s f tf /-but not with the voiced consonants / v δ z 3 d3/.

 Don't "release" the air after voiceless / p t k / at the end of syllables. Instead, "shorten" each vowel sound before voiceless consonants. For example, the word cap takes less time to say than c a <u>b</u>. Sight is said more quickly than side. Lock sounds "shorter" than I o g. P e a s sounds longer than peace; r i d g e, longer than rich.

(This is why it's misleading to call groups of vowels "long" or "short.") nstructions: Can you read aloud words with the 24 distinct consonant sounds of American English? Can you pronounce the sounds correctly—or at least understandably—at the *beginning*, in the *middle*, and at the *end* of words? And do you know which consonant *letters* produce which sounds?

To find out, read aloud the words in each group. Circle the letters that make the same beginning, middle, or ending sounds as the key word. The sound-symbol between slashes / / shows which sound to listen for. (To help you, some answers are already there.)



22. / y / a	s in YO<u>-Y</u>O or	23. /w	/ as in <u>N</u>	<u>atch</u>	24. /h.	l as in	<u>h</u> orse
royal		or tower			or un<u>h</u>appy		
							No.
-	you're	well	why	we	hou	r	hug
	yellow	who)	what		W	how
5	humor	was		wine			honor
	wyer	-				ole	
loyal	follow	tow	el la	wyer		behi	nd
meanings and uses are different, too. With someone else or a small group, read aloud the two words after each of the following <i>Numbers 1-30</i> . Do they sound the same? If they have exactly the same pronunciation, write <u>Y</u> for <u>Yes</u> on the line. If they sound different, write <u>N</u> for <u>No</u> . To help you, some answers are already there.							
1. <u>//</u> fat/	/ vat	11	hug/h	uge	21	hours	/ours
2. <u>//</u> blo	w/brow	12	wear/v	vhere	22	chews	s/choose
3. <u></u> <i>Y</i> fair	/fare	13	one/w	on	23	moth	er/mutter
4 too	/ two	14	safe/sa	ive	24	allow	ed/aloud
5 do	/ due	15	off/of		25	begga	r/bigger
6 bat	h/bathe	16	jeans/g	genes	26	either	/ ether
7 put	tt/put	17	cheap/	sheep	27	razor	/ racer
8 leg	/ledge	18	write / 1	right	28	guess	ed/guest
9 sel	l/cell	19	sum/se	ome	29	noisy	/ nosy
10 lic	k/like	20	rays/ra	ise	30	furth	er/father

Using a Dictionary to Learn or Check Pronounciation of Vocabulary

To use new vocabulary n speaking, we need to know how to read it aloud, of course. If we know the patterns and rules of *phonics*—the relationship between letters and sounds, we can make a good *guess* about how to say it. But what if the item has an unusual spelling—or if we are unsure about our pronunciation of a new word? If we don't have a native speaker or a talking computer program to work with, we can look up the word in a printed or online dictionary.

After each entry (headword) in a dictionary, there are *symbols*, usually between slashes / /. These *IPA* sound-symbols indicate (show) how to say the word aloud. It's important to know how to "read" these symbols, put the sounds together, and use the correct word stress. Then we'll be able to pronounce items (words and phrases) correctly—or at least understandably—when we use them aloud in phrases and sentences.

nstructions: The "Pronunciation Keys" on these two pages are a review of the *Sound-Symbols* and *Key Words* used in this worktext. You can refer to these *Keys* as you read aloud the list of sound-symbols in the first column of the exercise on the next page. To match the *phonetic symbols* with the words in *Column 2*, draw lines.

WHAT'S the WORD? Pronunciation Key for Vowel Sounds

A DESCRIPTION OF THE OWNER OF THE	
1. /æ/ as in b <u>a</u> t	9. /û/ as in B <u>e</u> rt
2. /ə/ as in b <u>et</u>	10. /e ^y / as in b <u>ai</u> t
3. /ɪ/ as in b <u>i</u> t	11. /iº/ as in b <u>ea</u> t
4. /a/ as in p <u>o</u> t	12. /a ^y / as in b <u>ite</u>
5. /ə/ as in b <u>u</u> t	13. /o ^w / as in b <u>oa</u> t
6. /v/ as in p <u>u</u> t	14. /u ^w / as in b <u>oo</u> t
7. /s/ as in b <u>ough</u> t	15. /a ^w / as in ab <u>ou</u> t
8. /ä/ as in p <u>a</u> rt	16. /5 ^y / as in b <u>oy</u>

What do the extra symbols between slashes mean?

In words of more than one syllable, the dot symbol • separates the sounds of different syllables.

The accent symbol ' means that the next syllable is *stressed*. It's said louder, longer, and higher than the other syllables because It carries the emphasis,

[a:1] [sər¹va:1vd] [fo:0¹nst1ks] [klæs]

Hookt aun Fonix reelie wurkt fur meel

What's the meaning of these "messages?" *nstructions:* These sound-symbols between slashes / / represent words in this *Introduction* to <u>WHAT'S the WORD?</u> <u>Using New Vocabulary in the Real World</u>.

Read the symbols aloud. Then on the lines, write the words you said in letters. Some answers are already there.

1. /wûrld/ <i>world</i>	14. /'sεn•trəl/
2. /ri ^y l/ <i>real</i>	15. /'a ^y •təm/
3. /yu ^w z/	16. /'o ^w ∙pən/
4. /wûrd/	17. /'slm•bəl/
5. /lûrn/	18. /prə'na ^u ns/
6. /wɪl/	19 /'lɪs•ən/
7. /fre ^y z/ 8. /spi ^y k/	
8. /spi ^y k/	20./SIK Stl'n/
9. /va ^w el/	21. /'pro ^w •græm/
10. /hæf/	22. /ɪn'kluwd/
11. /təng/	23. /'fa•niks/
12. /stärt/	24. /'klɪər•li ^y /
13. /chu ^w z/	

earning Beyond the Book

Can you *pronounce* every new vocabulary item you read—or can you *find out* its pronunciation? To make sure, for at least a week list all the new or difficult words and phrases you see. From your knowledge of phonics patterns, try pronouncing them. Have a native speaker "judge" the clarity of your pronunciation.

Then look up the items in the dictionary. (Next to each word in your list, you may want to copy the sound-symbols that show how to say it.) Practice saying each word as much as you need to—from the spelling and the sound-symbols. Finally, compare how *you* say the item with the audio of an online dictionary. Then you'll know how to say that item *correctly*—or at least *clearly*, so you can begin to use it in your speech.