

Articulatory Phonetics: Advanced Version

LEVEL 3: Multisyllabic Words

A guide to the International Phonetic Alphabet
and English pronunciation for speech pathology,
vocal performance, and linguistics majors

Cheri Montgomery

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Technical Support: Verlan Kliewer

PREFACE

Articulatory Phonetics teaches proper pronunciation and the formation of English speech sounds using the International Phonetic Alphabet (IPA). Intended for university coursework, its concepts are applicable across multiple disciplines, including speech pathology, vocal performance, and linguistics studies. This text can be used in a university course alongside the *Reading and Phonetics Series*, which features the same word lists but employs a simplified phonetic system to introduce a phonetic approach to reading and proper pronunciation for special education students, English Language Learners (ELLs), and students acquiring clear speech. While the content is closely related, each workbook in the series serves a unique purpose. Following is the preface to *Reading and Phonetics: Articulation*.

Reading and Phonetics: Articulation is the speech-support version of a reading and spelling program. Level 1 introduces the spellings and sounds of single-syllable words. Level 2 expands the vocabulary of single-syllable words, includes words with diphthongs, and provides additional opportunities for transcription.

This text represents level 3 in the series. It extends instruction to include multisyllabic words—an area that often challenges learners who are new to reading, spelling, or English. English unstressed vowel sounds are often reduced or weakened, making them difficult to identify phonetically. Phoneticians transcribe these vowels with a schwa. The schwa has multiple pronunciations. This text is unique in that it defines vowel sounds in unstressed syllables rather than defaulting to the schwa.

Individual learning needs are supported through four parallel workbooks designed for students, parents, and teachers who are new to:

- braille
- manual signing and lipreading
- English language learning
- articulatory phonetics

The articulatory phonetics version contains images of vowel and consonant formations. The manual signing version contains images of each hand sign.

The tactile version consists of a visualized text for sighted parents and teachers and a digital text for use with a refreshable braille display. The ELL version contains rules written in formulas with concepts communicated using images. Images are also used to define words in the group exercises and homework assignments.

The resources needed to establish rules and create exercises originated from research developed for the publication of the *Lyric Diction Workbook Series* and the *IPA Scramble* game app by Cheri Montgomery. Computer search functions and her database of more than 87,000 English words were used to organize the spellings of the English language. Words from the database were arranged in order of frequency of occurrence. The words were placed in a graded order and categorized according to the sounds of the English language as defined by the International Phonetic Alphabet (IPA). A simplified version of the IPA was created for this series. A conversion chart is located on the following page.

This text follows the Moore teaching model. The Moore Method is an interactive approach to instruction designed by Robert Lee Moore, a famous topologist who first used the method at the University of Pennsylvania in 1911. His methodology engages students in the learning process by giving each class member the opportunity to present homework assignments.

Class meetings follow a daily routine. Class begins with each student presenting homework that corresponds with their assigned number(s). Students' written work can be shared using a document camera. The teacher introduces new material in a brief lecture and leads the class in a written and spoken (or sung) group exercise.

Flip this process to double the activities: pass out dry erase boards with markers numbered 1-12. Have each student complete the word list associated with their marker number. Ask students to read and spell the transcriptions. This converts the phonetic exercise into an English reading and spelling exercise.

Grading is simple. Each student begins with a 100 average. Five points would be deducted each time a student fails to present their homework. One or two extra credit opportunities could be offered throughout the grading period so that students could redeem points.

Reading and Phonetics was created to simplify English language learning and make it accessible to students with diverse learning needs. Grading is simplified as well. The recognition of English spellings with accurate pronunciation is assessed through in-class presentations.

Phonetic Conversion Chart								
IPA	Simplified	Example	IPA	Simplified	Example	IPA	Simplified	Example
[æ]	[a]	h <u>a</u> t	[k ^h]	[k]	<u>c</u> ake	[θ]	[th]	<u>t</u> hing
[ɑ]	[A]	f <u>a</u> ther	[l]	[l]	l <u>i</u> ttle	[ð]	[Th]	<u>t</u> his
[b ^h]	[b]	<u>b</u> aby	[m]	[m]	<u>m</u> eme	[u]	[u]	m <u>o</u> on
[tʃ]	[tS]	<u>ch</u> air	[n]	[n]	<u>n</u> ote	[ʊ]	[U]	b <u>o</u> ok
[d ^h]	[d]	<u>d</u> ance	[ŋ]	[N]	s <u>ing</u>	[ʌ]	[x]	<u>u</u> p
[ɛ]	[E]	b <u>e</u> d	[ɔ]	[O]	<u>o</u> ught	[v]	[v]	<u>v</u> ase
[f]	[f]	<u>f</u> ig	[p ^h]	[p]	<u>p</u> in	[w]	[w]	<u>w</u> in
[g ^h]	[g]	<u>g</u> ood	[ɹ]	[r]	<u>r</u> ing	[j]	[j]	<u>y</u> es
[h]	[h]	<u>h</u> ear	[ɜ]	[R]	<u>e</u> arth	[z]	[z]	<u>z</u> oo
[i]	[i]	s <u>e</u> at	[s]	[s]	<u>c</u> ease	[ʒ]	[Z]	b <u>e</u> ige
[ɪ]	[I]	f <u>i</u> t	[ʃ]	[S]	<u>sh</u> irt	stress: [']	[']	be'l <u>ie</u> ve
[dʒ]	[dZ]	j <u>u</u> dge	[t ^h]	[t]	<u>t</u> ime	glottal: [ʔ]	[ʔ]	I, ever

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UNIT 1A

English Spellings: Stressed *i* and *y* as [aɪ] or [ɪ]

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Vocabulary for the phonetic test following this unit:
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UNIT 1A: Stressed *i* and *y* as [aɪ] or [ɪ]

TRANSCRIPTION RULES		
[aɪ]	i + 1 consonant + vowel	final ['faɪnʊl] silence ['saɪləns]
	*Hiatus i + vowel	lion ['laɪ-ʌn] quiet ['kʰwaɪ-ɪtʰ] (exception: trio ['tʰɪ-ou])
	y + vowel	eyelid ['ʔaɪlɪdʰ] flying ['flaɪɪŋ]
	igh ild ind	brighter ['bʰɪaɪtʰɜ:] mildly ['maɪldʰɪ] kindness ['kʰaɪndʰnes]
[ɪ]	i + 2 consonants	finger ['fɪŋgʰɜ:] quickly ['kʰwɪkʰɪ] (exceptions: idle ['aɪdʰʊl] island ['ʔaɪləndʰ])
	i + double consonants	little ['lɪtʰʊl] village ['vɪlədʒ]

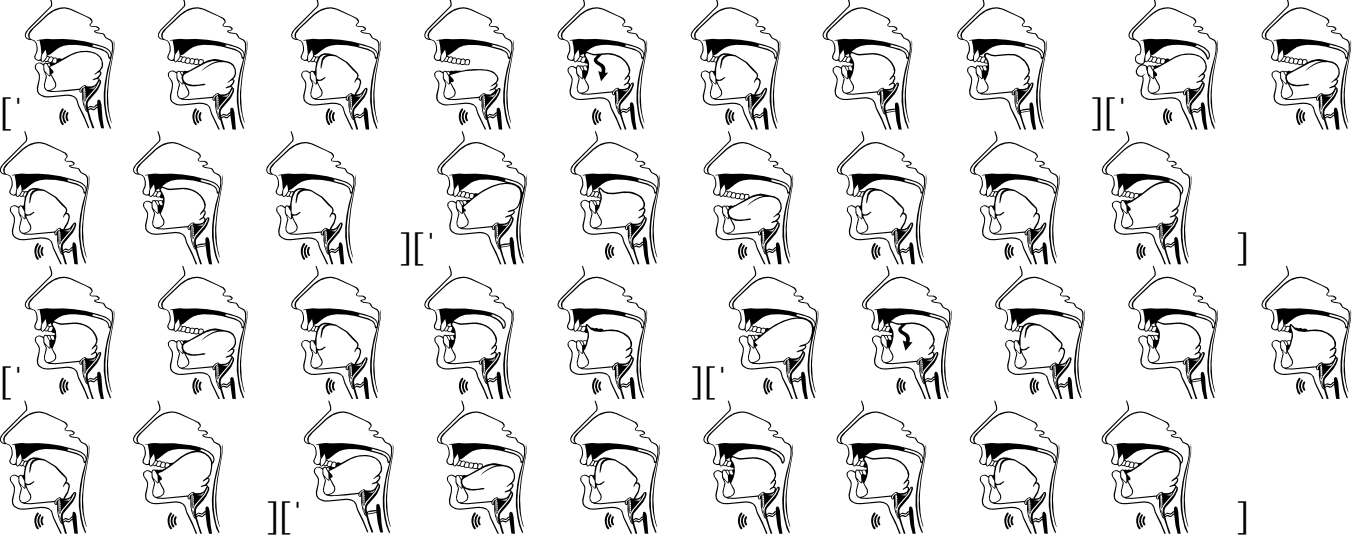
*Hiatus: adjacent vowel sounds in consecutive syllables

Stressed Syllable Mark [']

The stressed syllable is indicated with an apostrophe. It precedes the stressed syllable.
ever ['ʔɛvɜ] believe [bʰɪ'li:v]

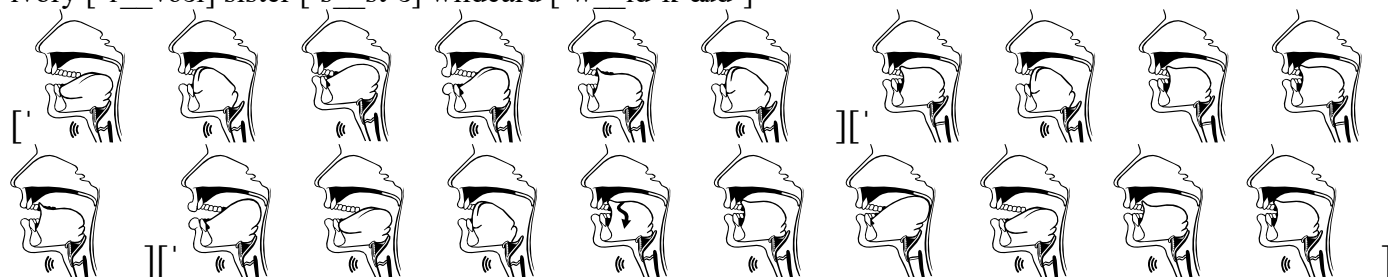
Group exercise: Place the correct phonetic symbol in front of each formation. Trace the airflow pathway.

violets ['v__ʌɪtʰs] mighty ['m__tʰɪ] crying ['kʰɪ__ɪŋ] diner ['dʰ__nɜ] glittering ['gl__tʰɜɪŋ] finding ['f__ndʰɪŋ]



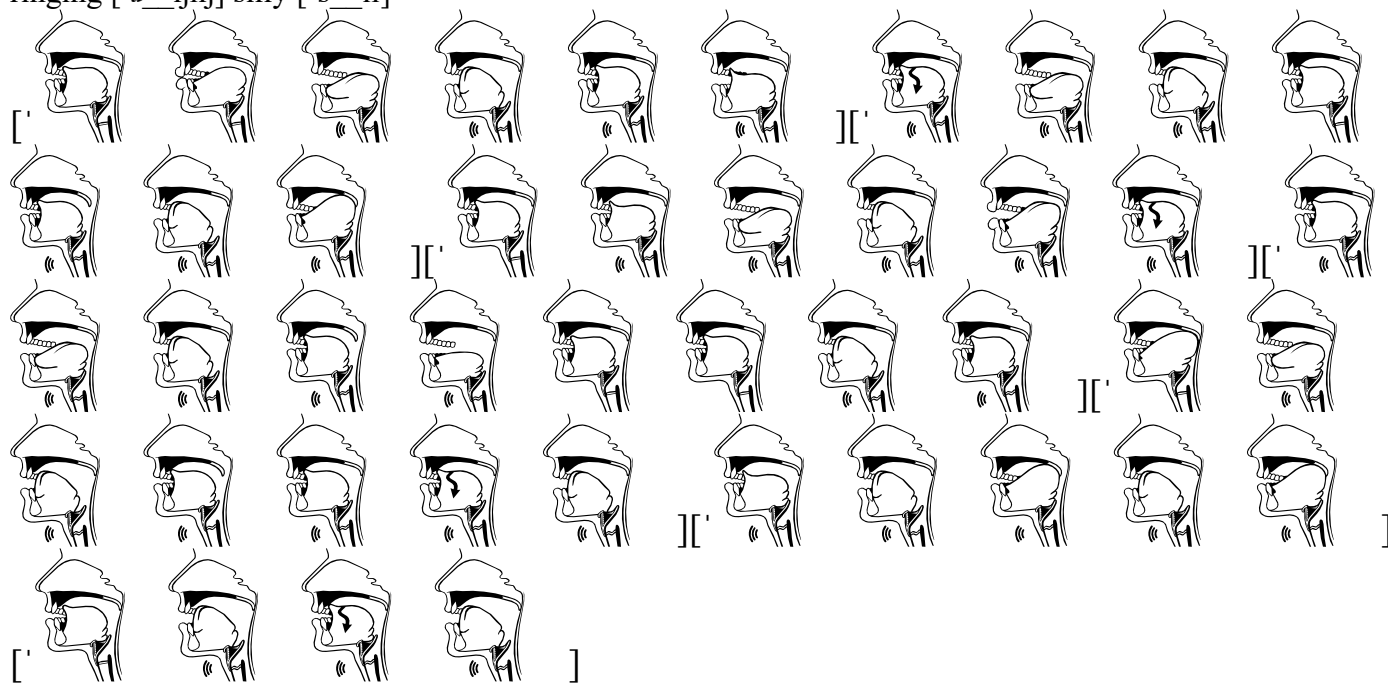
Group exercise: Place the correct phonetic symbol in front of each formation. Trace the airflow pathway.

ivory ['?__vɔɪ] sister ['s__stʰɜ] wildcard ['w__ldhʰkʰaɪdʰ]

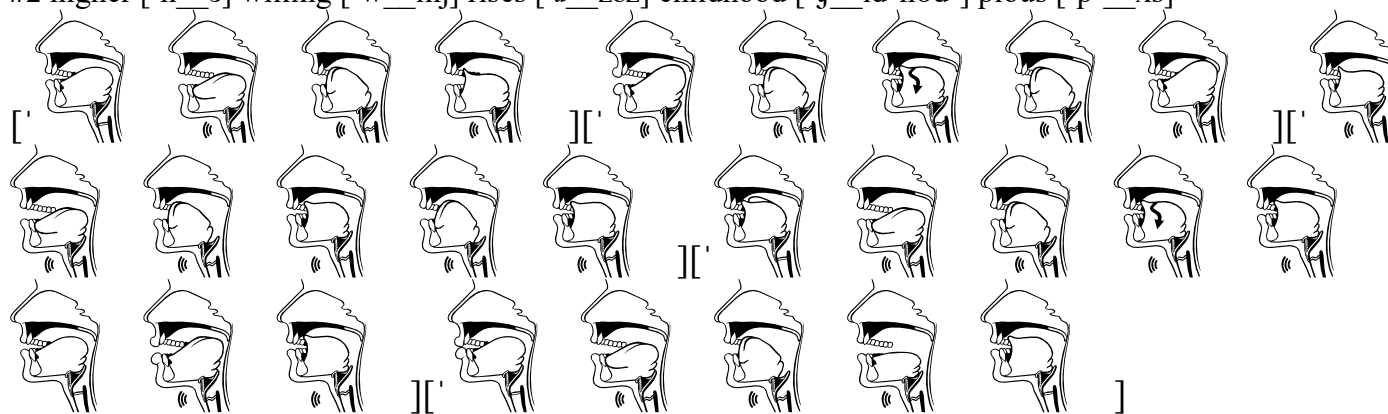


Worksheet #1A:

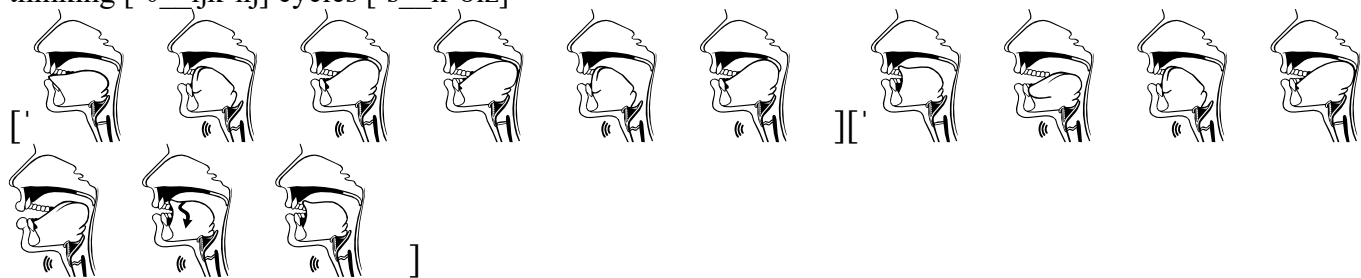
#1 spider ['spʰ__dʰɜ] lightning ['l__tʰnɪŋ] trial ['tʰɹ__ʊl] dynasties ['dʰ__nʌstʰɪz] kindly ['kʰ__ndʰɪl]
ringing ['ɹ__ŋɪŋ] silly ['s__hɪ]



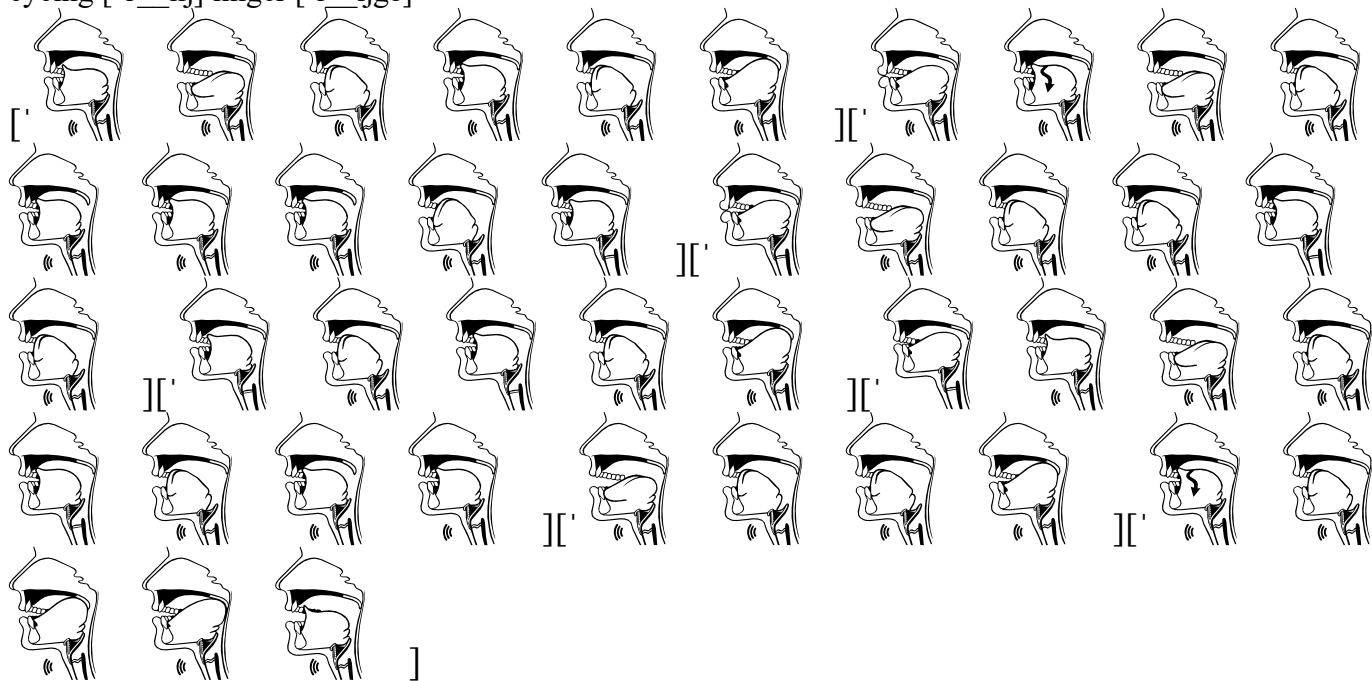
#2 higher ['h__ɜ] willing ['w__hɪŋ] rises ['ɹ__zɛz] childhood ['tʃ__ldʰhɒdʰ] pious ['pʰ__ʌs]



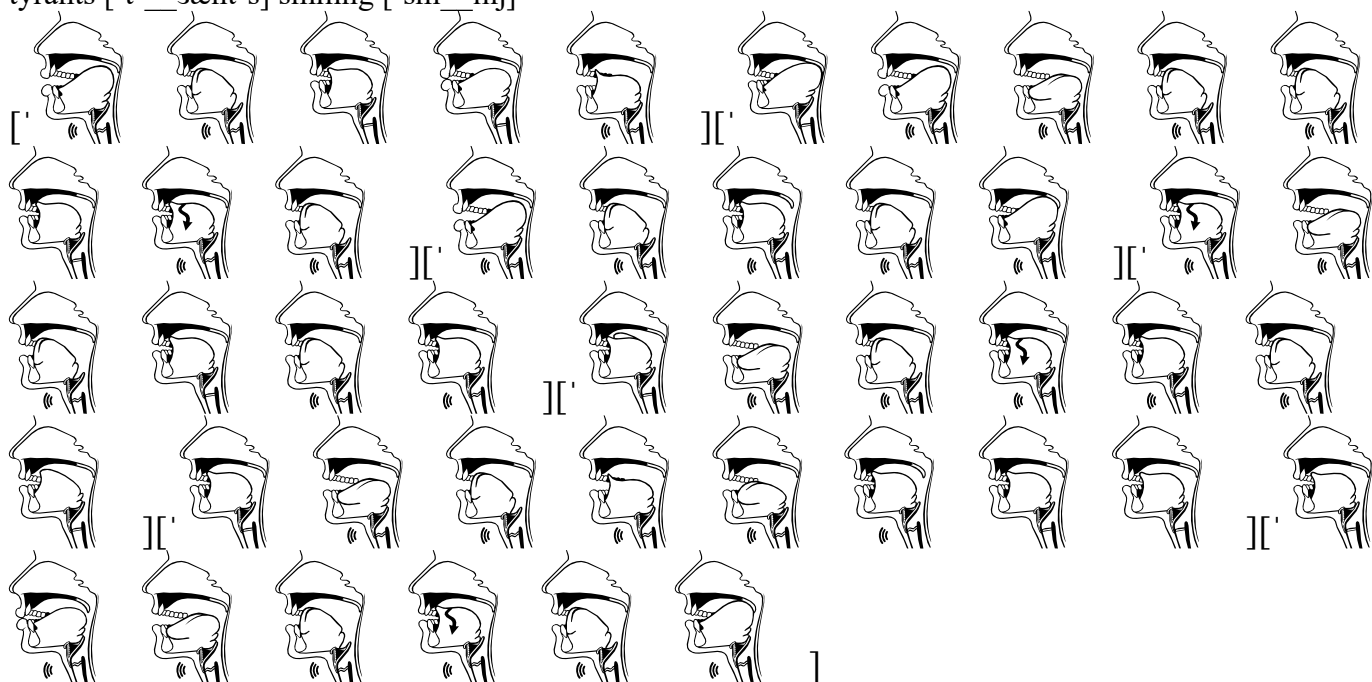
thinking ['θ__ŋk^hɪŋ] cycles ['s__k^hʊtʌz]



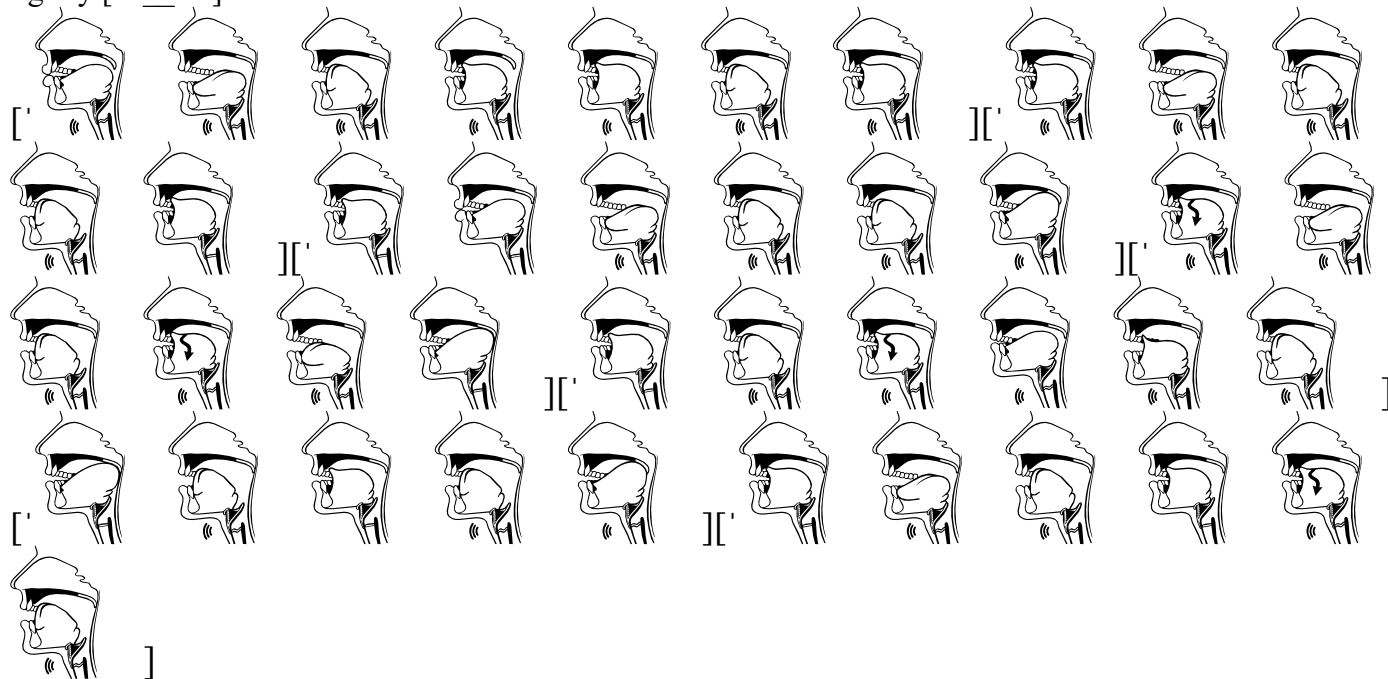
#3 riding ['ɪ__d^hɪŋ] blindness ['b^hɪ__nd^hnes] piety ['p^h__ɪt^hɪ] sitting ['s__t^hɪŋ] frightened ['fɪ__t^hɪnd^h]
eyeing ['?__ɪŋ] linger ['lɪ__ŋgɜ]



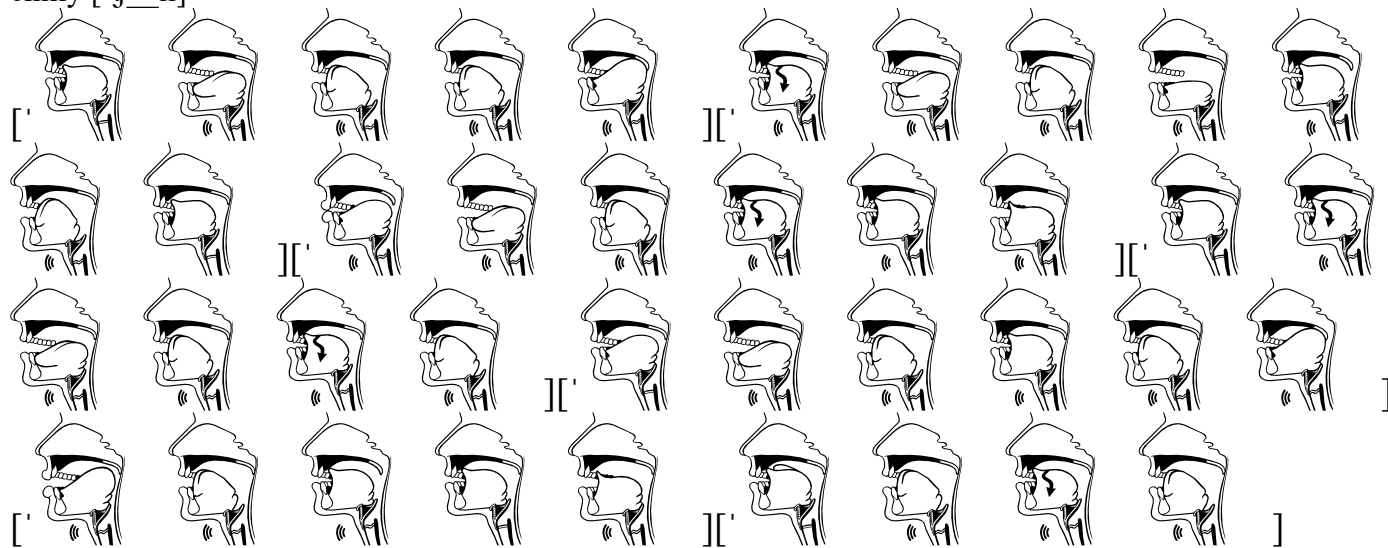
#4 whisper ['w__sp^hɜ] quietly ['k^hw__ɪt^hɪ] winning ['w__ɪŋ] lighted ['lɪ__t^hɪd^h] childish ['tʃ__lɪd^hɪ]
tyrants ['t^h__ɜænt^hs] smiling ['sm__ɪŋ]



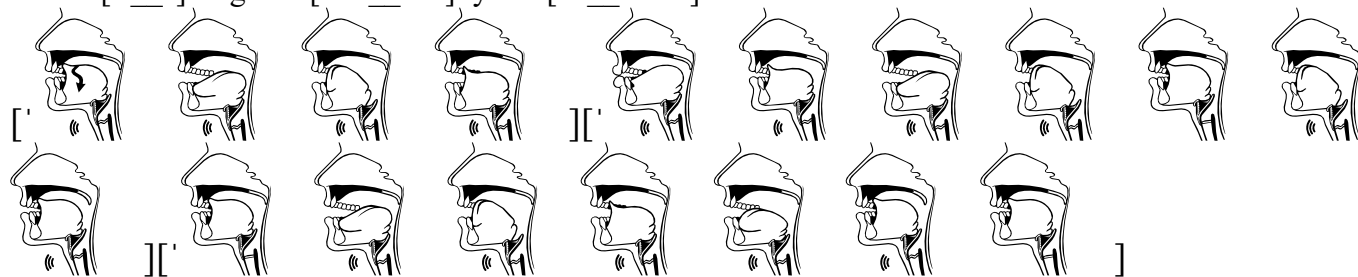
#5 minded ['m__ndʰɪdʰ] diet ['dʰ__ɪtʰ] spying ['spʰ__ɪŋ] lilac ['l__lækʰ] silvery ['s__lvɜɪ] kissing ['kʰ__sɪŋ]
tightly ['tʰ__tʰɪ]



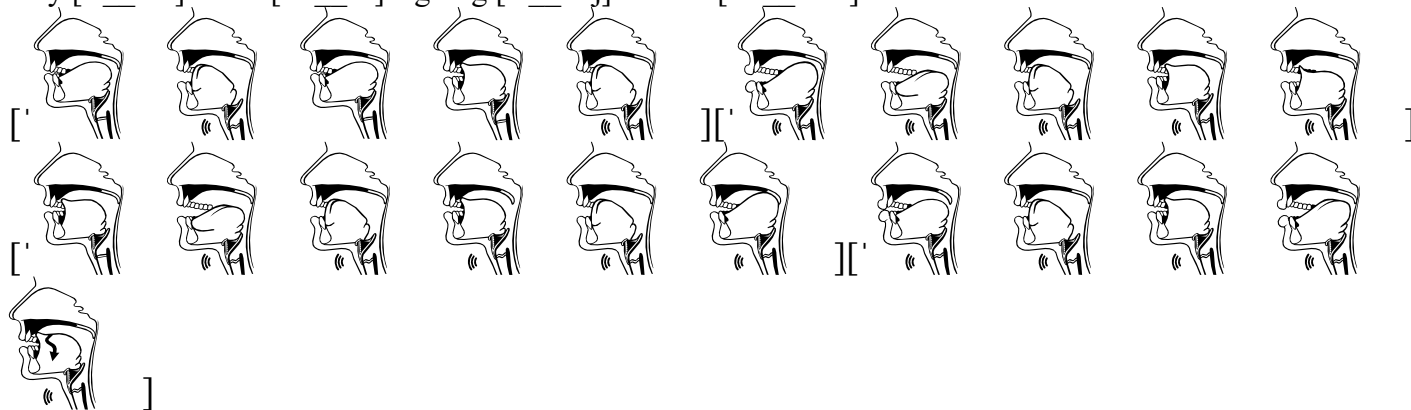
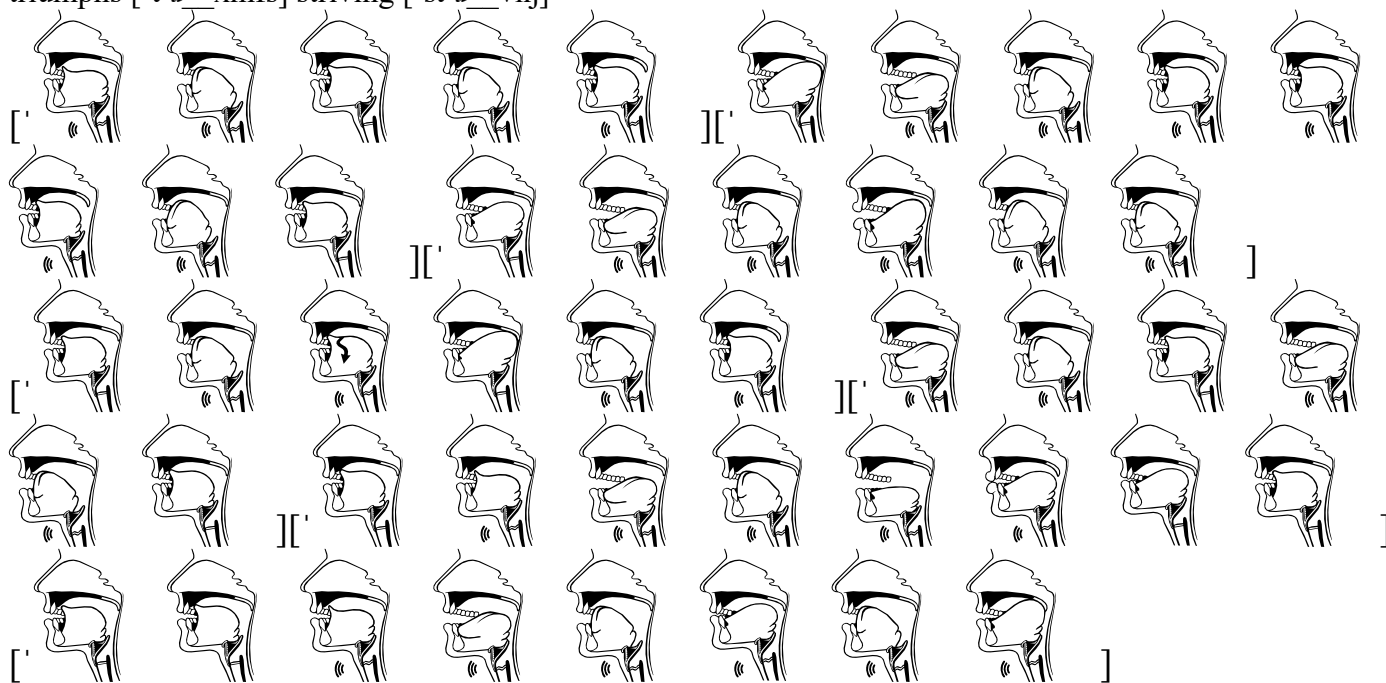
#6 sighing ['s__ɪŋ] lioness ['l__ʌnəs] milder ['m__ldʰɜ] slyly ['sl__ɪ] hiding ['h__dʰɪŋ] winter ['w__ntʰɜ]
chilly ['tʃ__ɪ]



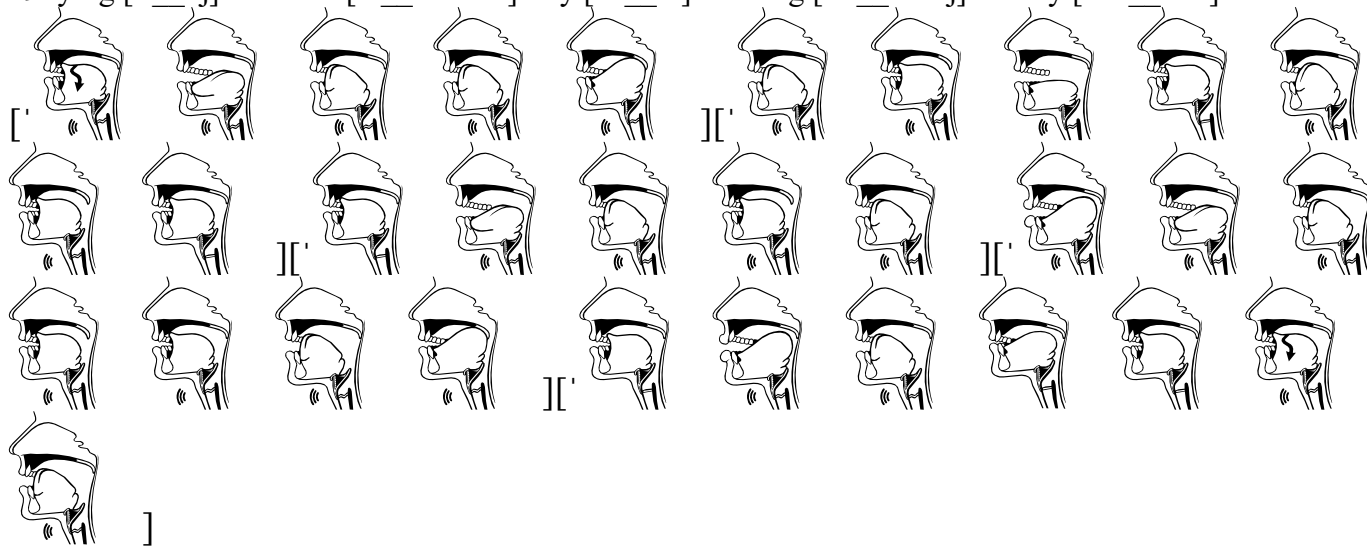
#7 liar ['l__ɜ] brighten ['bʰɪ__tʰɪn] tyrant ['tʰ__ɜəntʰ]

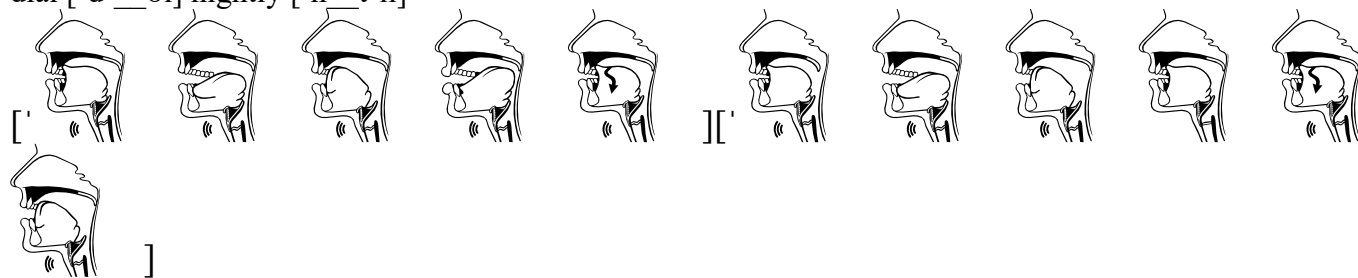
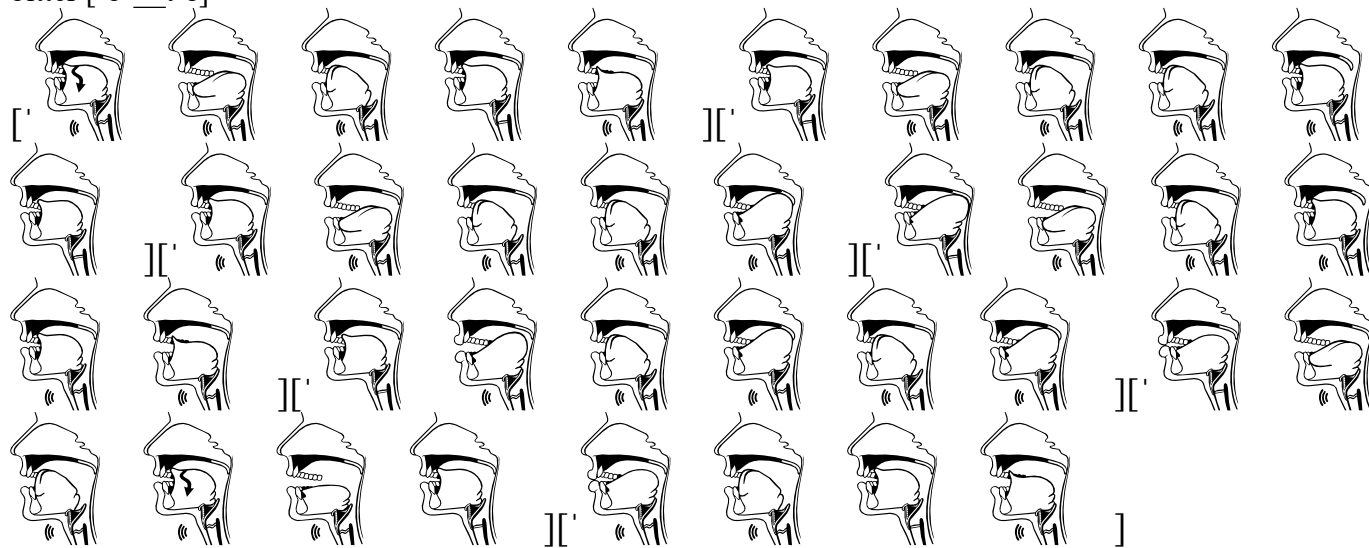
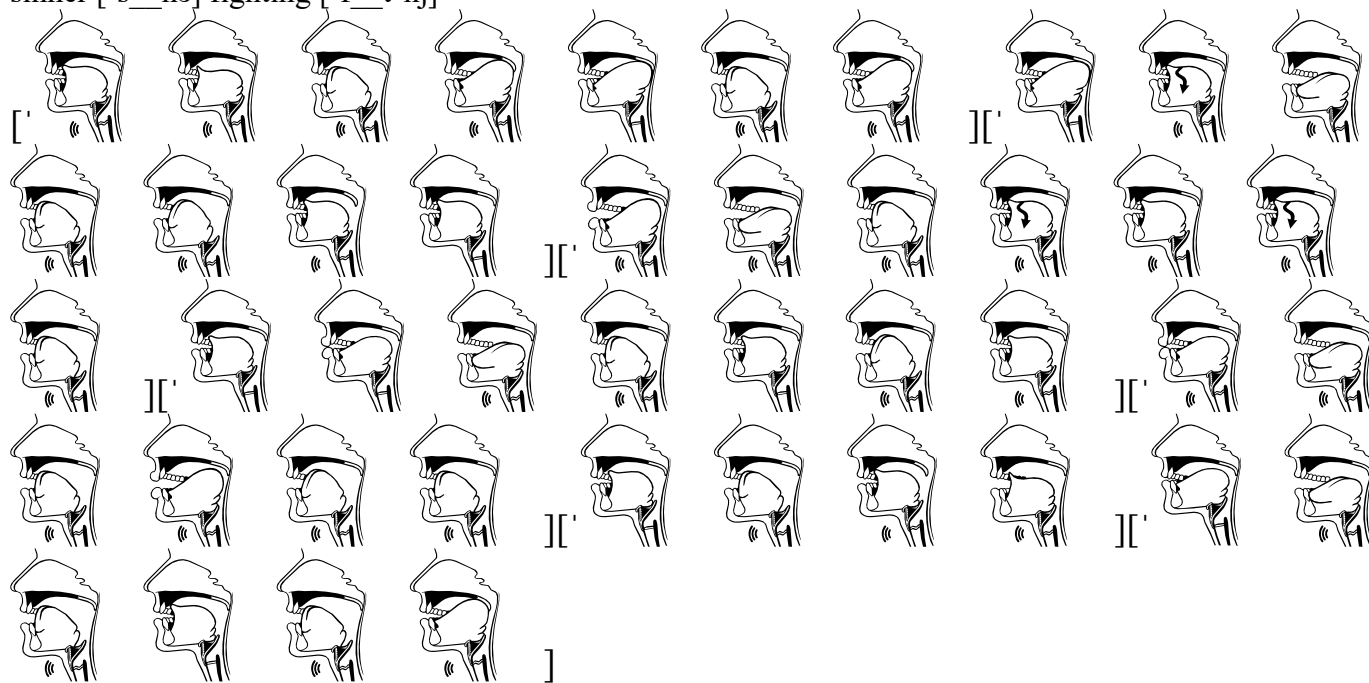


fifty ['f__ftʰɪ] wiser ['w__zɪ] signing ['s__nɪŋ] middle ['m__dʰɒl]

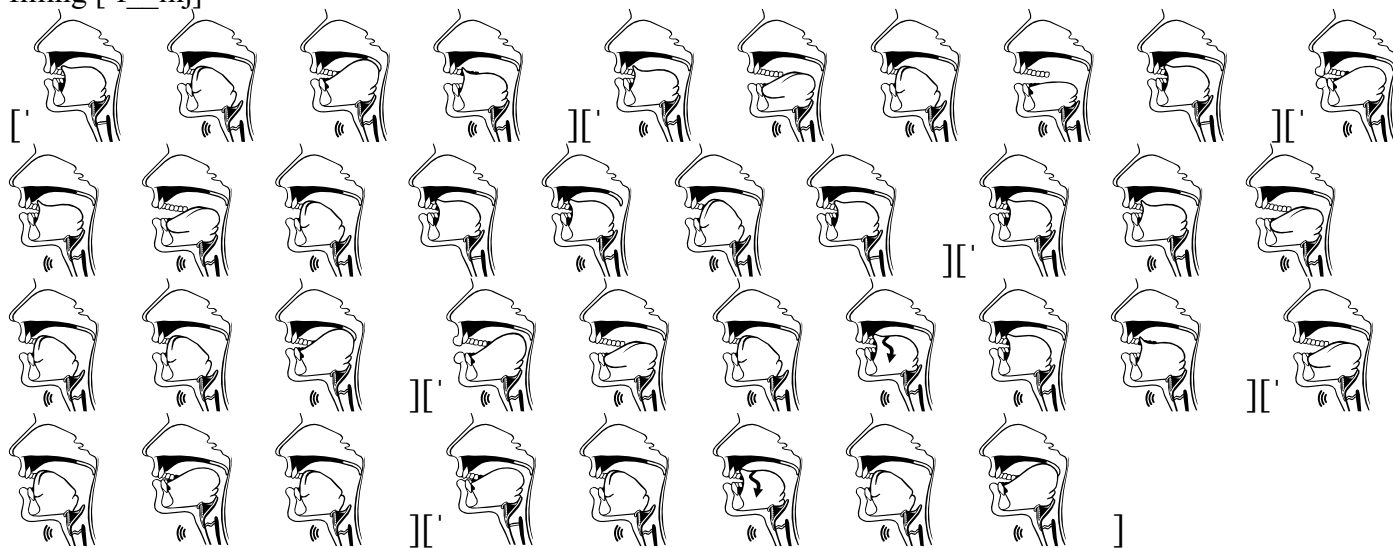
#8 written ['ɪ__tʰɪn] kindness ['kʰ__ndʰnes] highway ['h__weɪ] silken ['s__tʰkʰɪn] eyesight ['?__saɪtʰ]
triumphs ['tʰɪ__ʌmfs] striving ['stʰɪ__vɪŋ]

#9 lying ['l__ɪŋ] innocent ['?__nʌsɛntʰ] tiny ['tʰ__nɪ] winding ['w__ndʰɪŋ] swiftly ['sw__ftʰɪ]



dial ['d^h__ɑɪ] nightly ['n__t^hɪ]#10 lighter ['l__t^hɜ] science ['s__ns] dying ['d^h__ɪŋ] kinder ['k^h__nd^hɜ] swinging ['sw__ŋɪŋ] pilot ['p^h__lɑt^h] bitter ['b^h__t^hɜ]#11 drinking ['d^hɪ__ŋk^hɪŋ] client ['k^h__ɛnt^h] wildly ['w__ld^hɪ] spices ['sp^h__sɛz] byway ['b^h__weɪ] sinner ['s__nɜ] fighting ['f__t^hɪŋ]

#12 singer ['s__ŋɜ] riot ['ɪ__ʌtʰ] brightness ['bʰɪ__tʰnɛs] trying ['tʰɪ__ɪŋ] wilder ['w__ldʰɜ] ivy ['ʔ__vi]
 filling ['f__ɪŋ]



UNIT 1B

English Exception Spellings: Stressed *i* and *y* as [aɪ], [ɪ], or [i]

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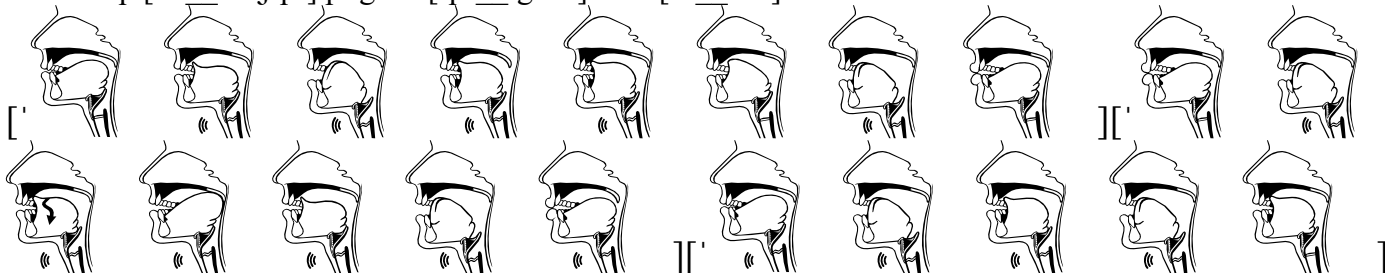
Vocabulary for the phonetic test following this unit:
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UNIT 1B: Exception spellings: stressed *i* and *y* as [ɑɪ], [ɪ], or [i]

TRANSCRIPTION RULES

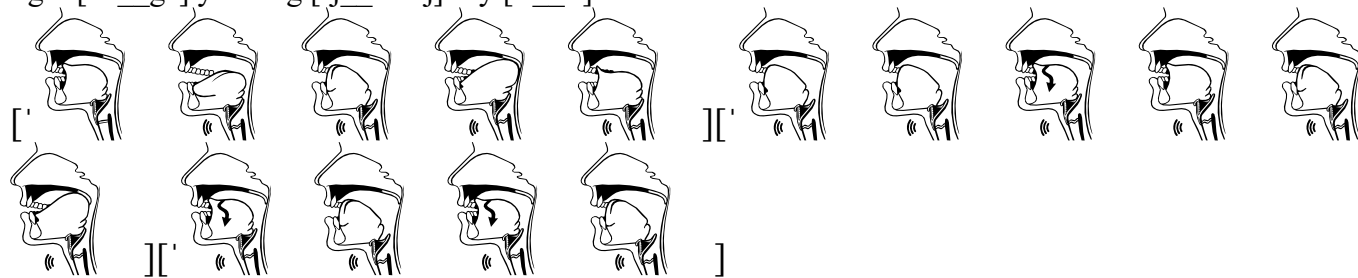
New rules are in the gray-shaded areas

[ɑɪ]	i + 1 consonant + vowel	final ['faɪnəl] silence ['saɪləns]			
[ɪ]	i + 2 consonants	finger ['fɪŋg ^h ɜ] quickly ['k ^h wɪk ^h ɪ] (exceptions: idle ['ʔaɪd ^h əl] island ['ʔaɪlənd ^h])			
	i + double consonants	little ['lɪt ^h əl] village ['vɪlədʒ]			
[ɪ]	Exception Words: i + 1 consonant + vowel	Final [n] Final [oo] Final [ɜ] Final [ʃ] Final [t ^h] Final -y	driven, given, linen, risen, vision, vixen, living limo, widow figure, liver, quiver, rigor, river, shiver, vigor finish, licorice, spinach ['sp ^h ɪnɪʃ] minute, pivot, rivet city, lily, misery, pity		
	New Spelling: i/y + consonant + i + consonant	Final -ic civic ['sɪvɪk ^h] clinic critic cynic mimic	Final -id liquid ['lɪk ^h wɪd ^h] rigid timid vivid	Final -il civil ['sɪvəl] vigil	Final -it digit ['dɪdʒɪt ^h] limit spirit visit
[ɑɪ]	Hiatus i + vowel	lion ['laɪ-ʌn] quiet ['k ^h waɪ-ɪt ^h] (exception: trio ['t ^h ɪ-oo])			
	y + vowel	eyelid ['ʔaɪlɪd ^h] flying ['flaɪɪŋ]			
[i]	New Spelling: ie (not in hiatus)	chiefly ['tʃɪfɪ] pieces ['piːsɪz] (exception: friendly/friendship ['fɪənd ^h ɪ])			
[ɑɪ]	igh, ild, ind	brighter ['brɪˌaɪt ^h ɜ] mildly ['maɪld ^h ɪ] kindness ['kɪnd ^h ənɪs]			
[ɪ]	Exception Words:	ild ind	building ['bɪldɪŋ] children, mildew, wilderness cinder ['sɪnd ^h ɜ] window ['wɪnd ^h oo]		

Group Exercise: Place the correct phonetic symbol in front of each formation. Trace the airflow pathway.friendship ['frɪ__nd^hʃɪp^h] pilgrim ['pɪ__lɡɪm] visit ['v__zɪt^h]

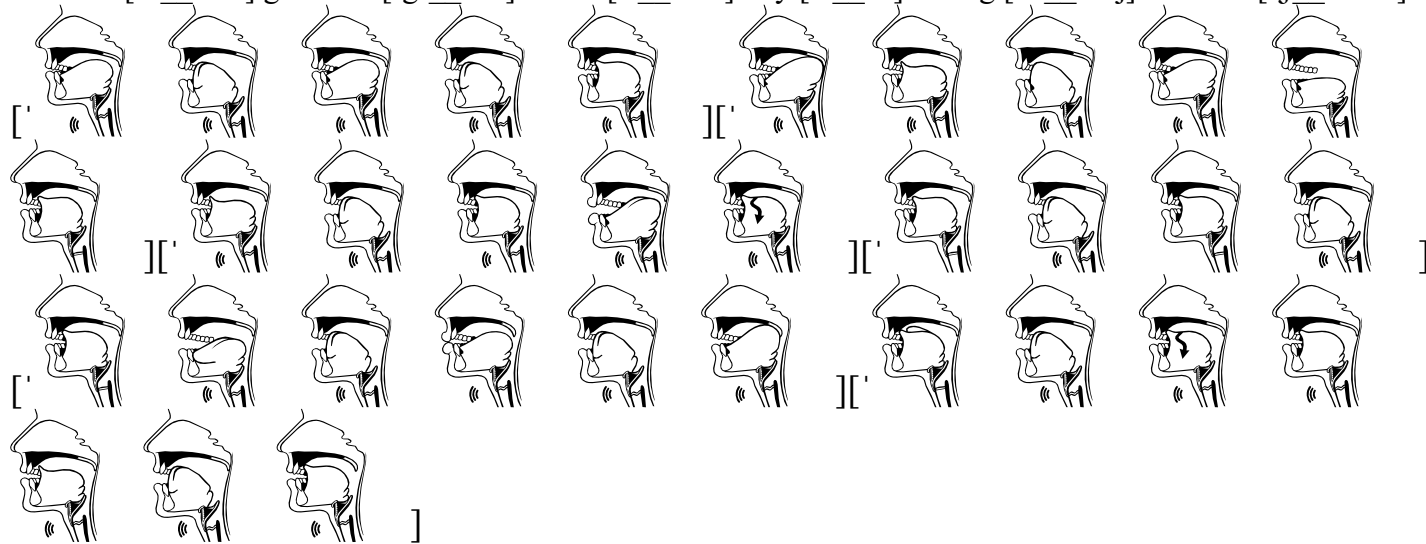
Group Exercise: Place the correct phonetic symbol in front of each formation. Trace the airflow pathway.

tiger ['t^h__gɜ] yielding ['j__ld^hɪŋ] lily ['l__lɪ]

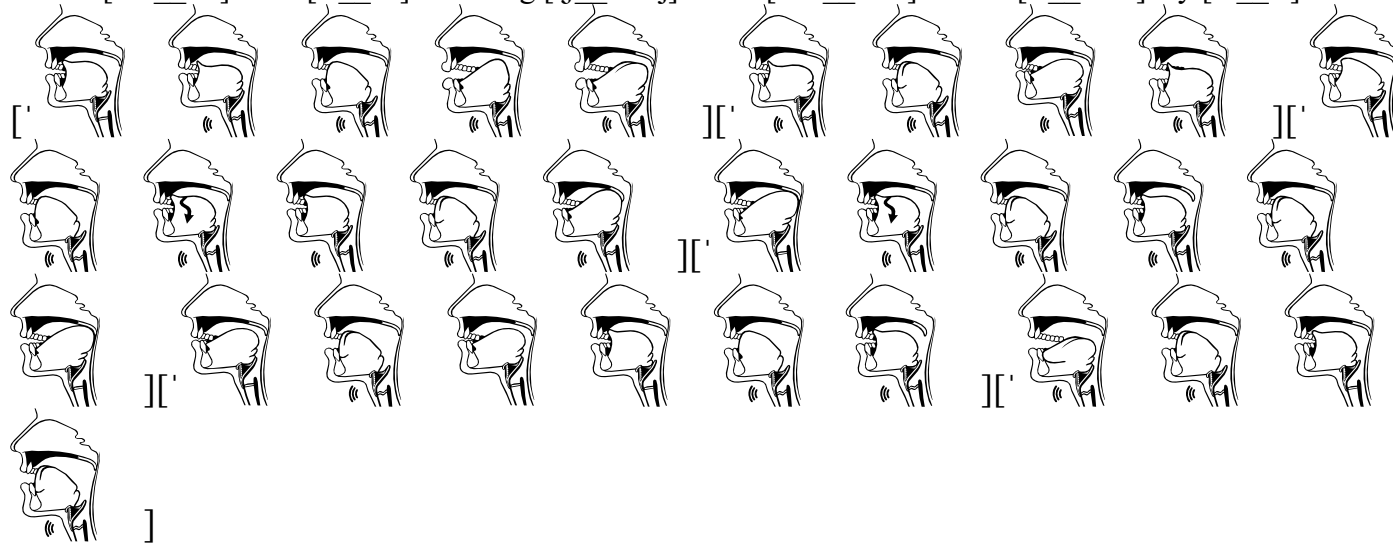


Worksheet #1B:

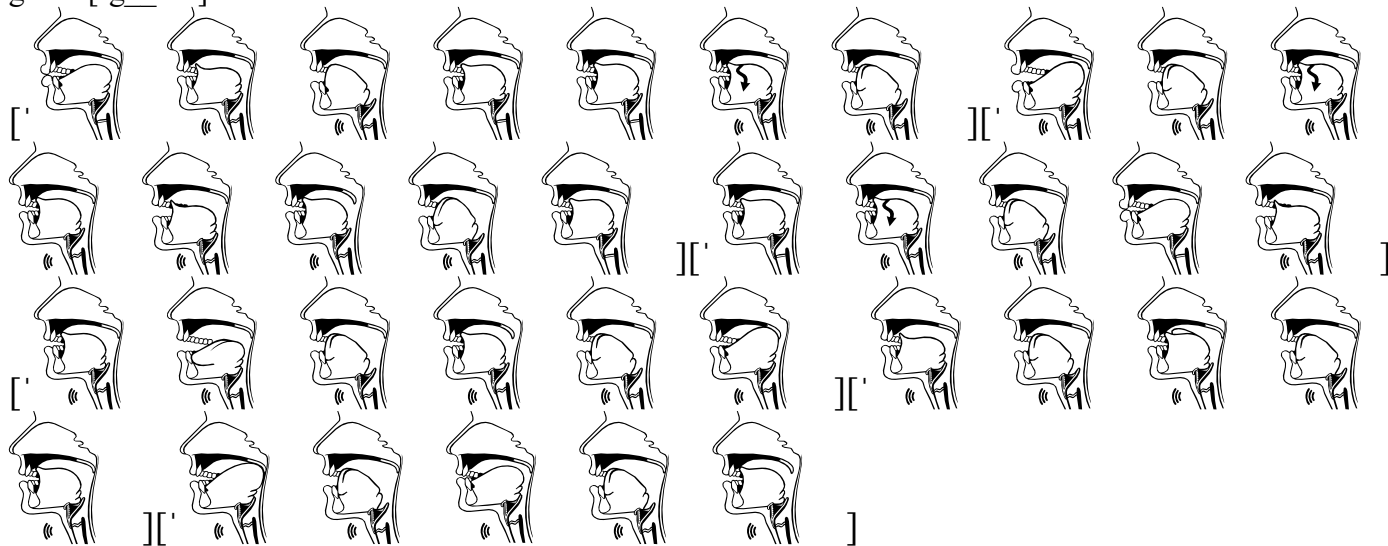
#1 vivid ['v__vɪd^h] grievous ['grɪ__vʌs] riddle ['ɪ__d^hʊl] city ['s__t^hɪ] timing ['t^h__mɪŋ] children ['tʃ__ld^hɪrən]



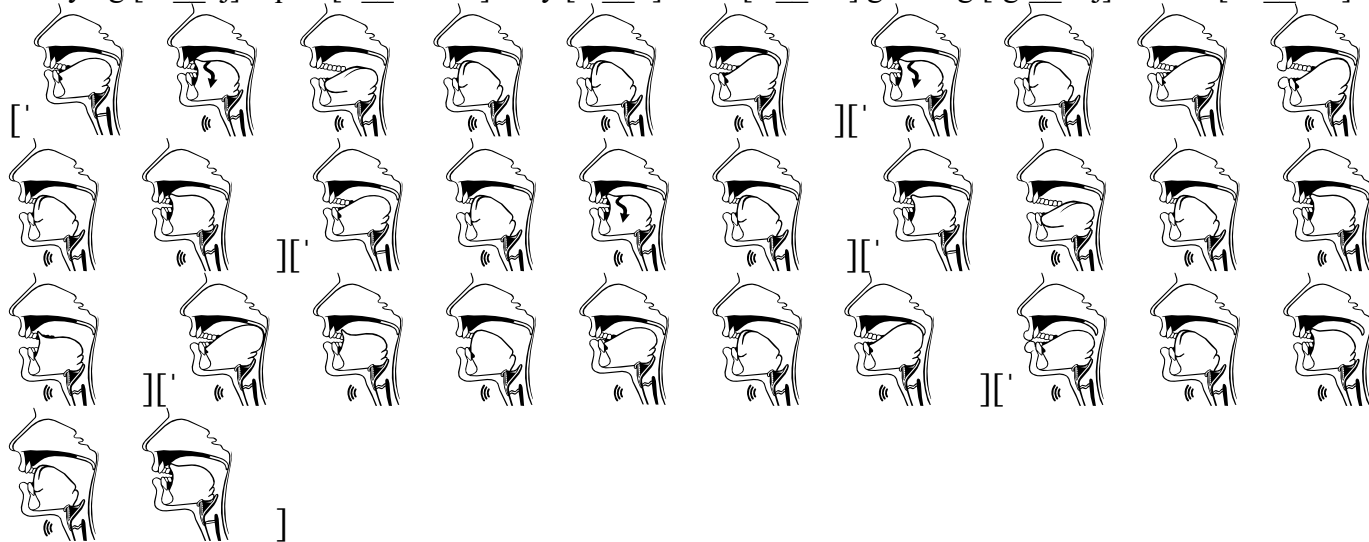
#2 trio ['t^hɪ__oʊ] river ['ɪ__vɜ] shielding ['ʃ__ld^hɪŋ] clinic ['k^hl__nɪk^h] fifteen ['f__ft^hɪn] icy ['ɪ__sɪ]



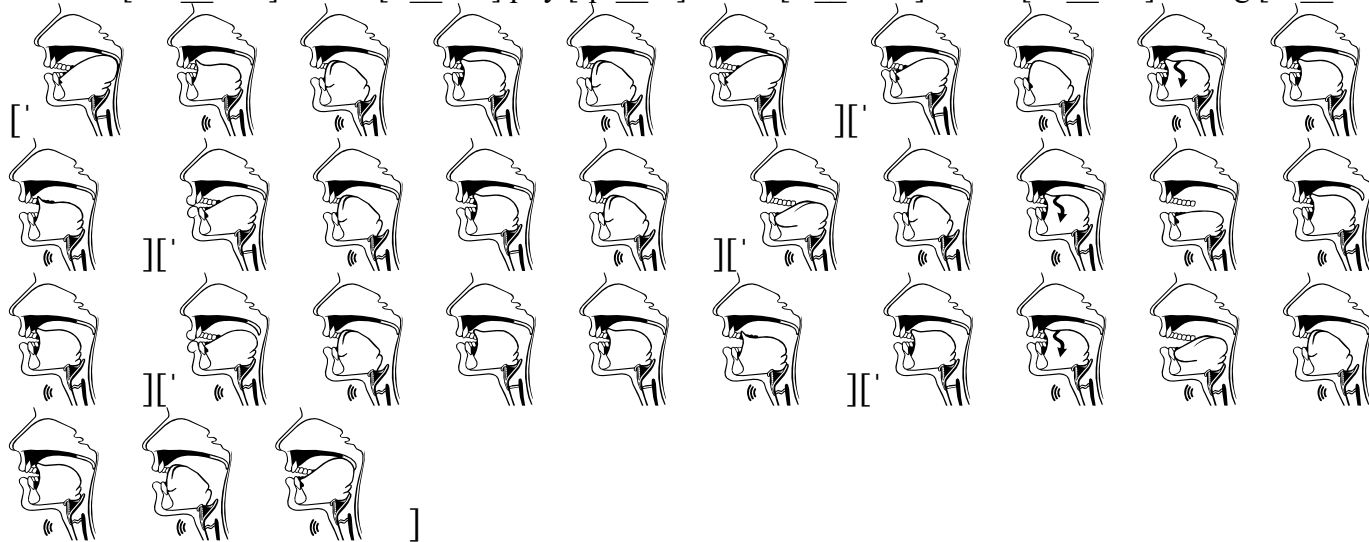
#3 priestly ['p^hɪ__st^hɪ] wilderness ['w__ld^hɜːnes] slipper ['sl__p^hɜː] dining ['d^h__nɪŋ] rigid ['ɪ__dʒɪd^h]
given ['g__vɪn]



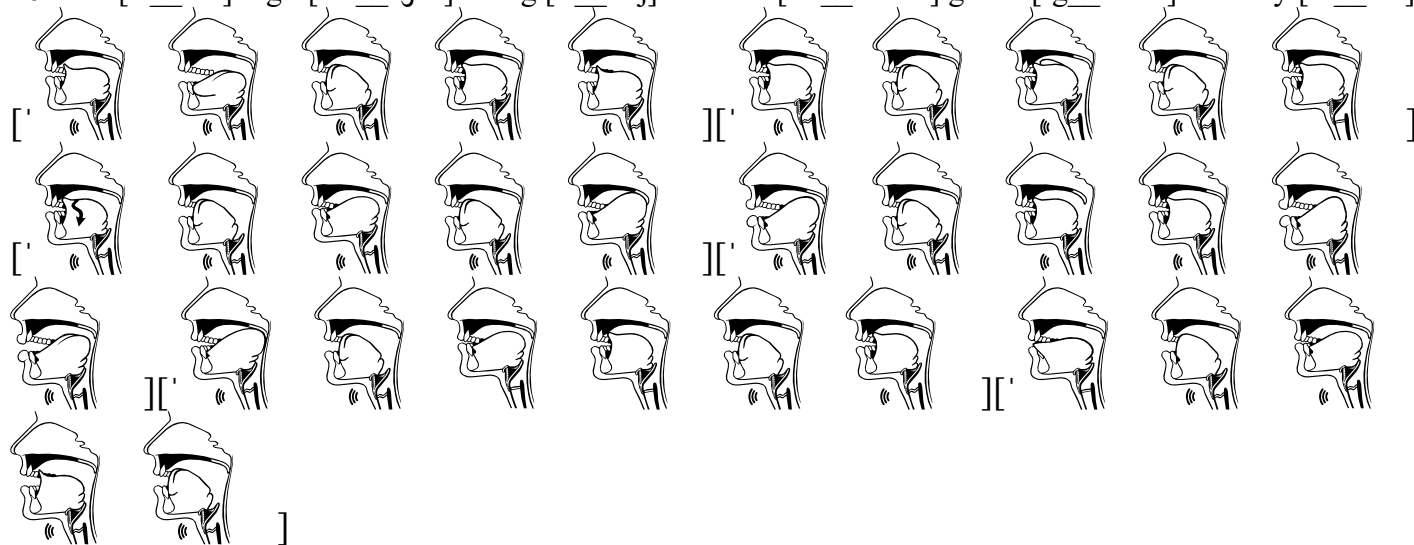
#4 flying ['fl__ɪŋ] liquid ['l__k^hwɪd^h] hilly ['h__ɪl] cider ['s__d^hɜː] grieving ['gɪ__vɪŋ] minute ['m__nɪt^h]



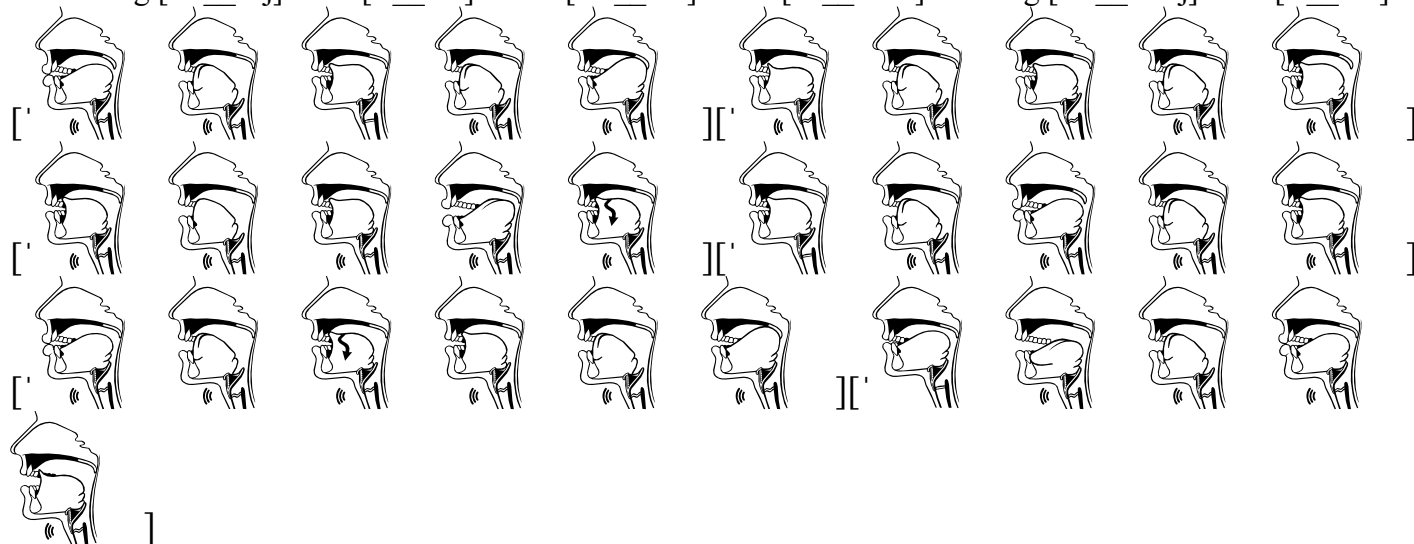
#5 critic ['k^hɪ__t^hɪk^h] fielder ['f__ld^hɜː] pity ['p^h__t^hɪ] island ['?__lænd^h] mister ['m__st^hɜː] sliding ['sl__d^hɪŋ]



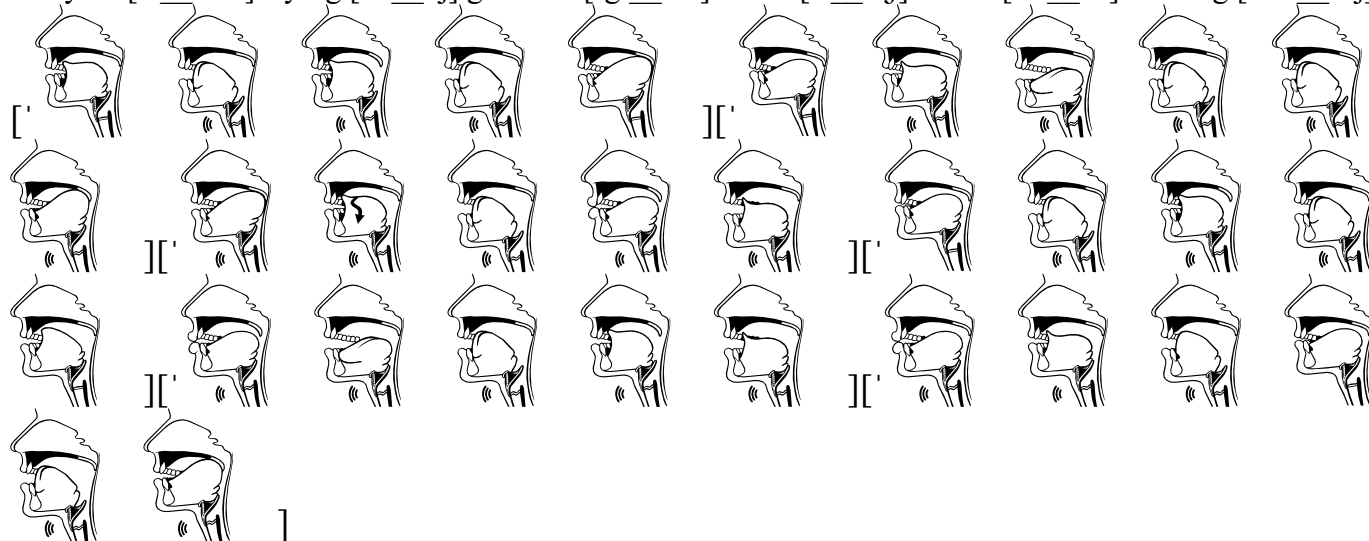
#6 rider ['ɪ__dʰɪɹ] digit ['dʰ__dʒɪtʰ] living ['lɪ__vɪŋ] window ['w__ndʰoʊ] gifted ['g__ftʰɪdʰ] thievery ['θ__vɜɪ]



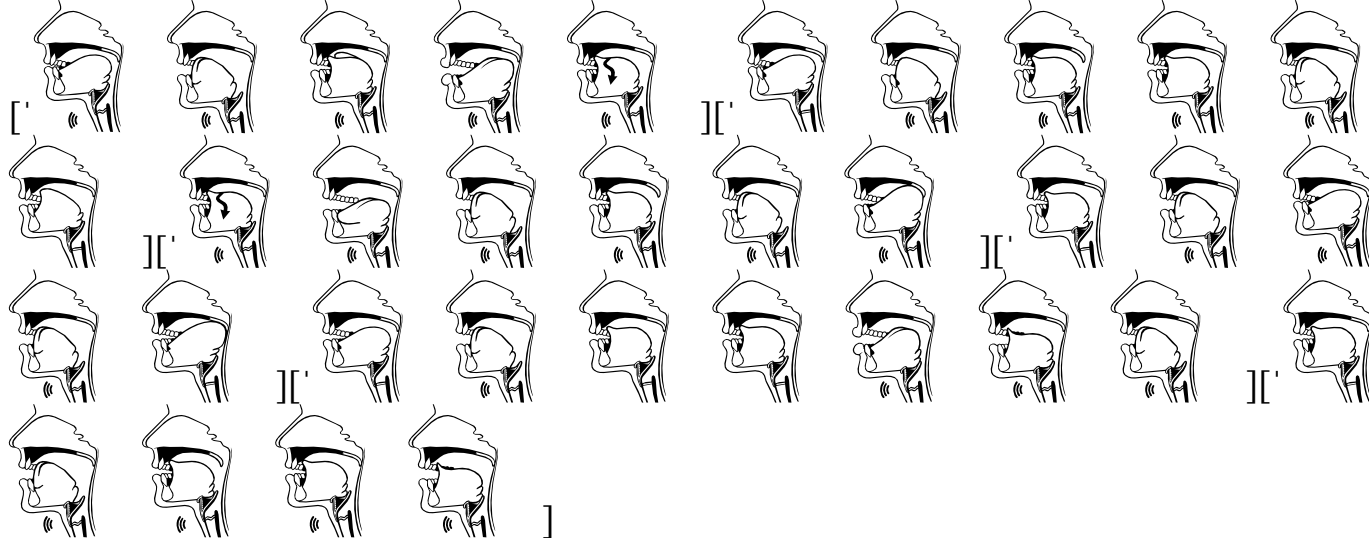
#7 missing ['m__sɪŋ] risen ['ɪ__zɪn] diesel ['dʰ__zʊl] timid ['tʰ__mɪdʰ] building ['bʰ__ldʰɪŋ] fiber ['f__bʰɜɪ]



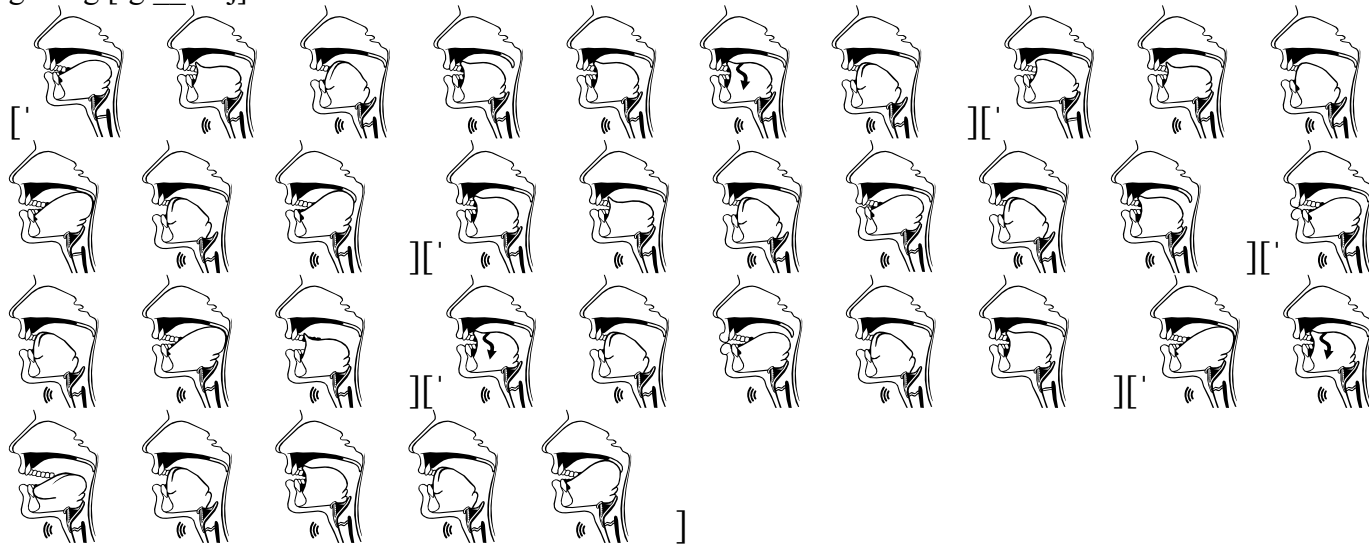
#8 cynic ['s__nɪkʰ] frying ['fɪ__ɪŋ] glimmer ['gl__mɜɪ] finish ['f__nɪʃ] minor ['m__nɜɪ] briefing ['bʰɪ__fɪŋ]



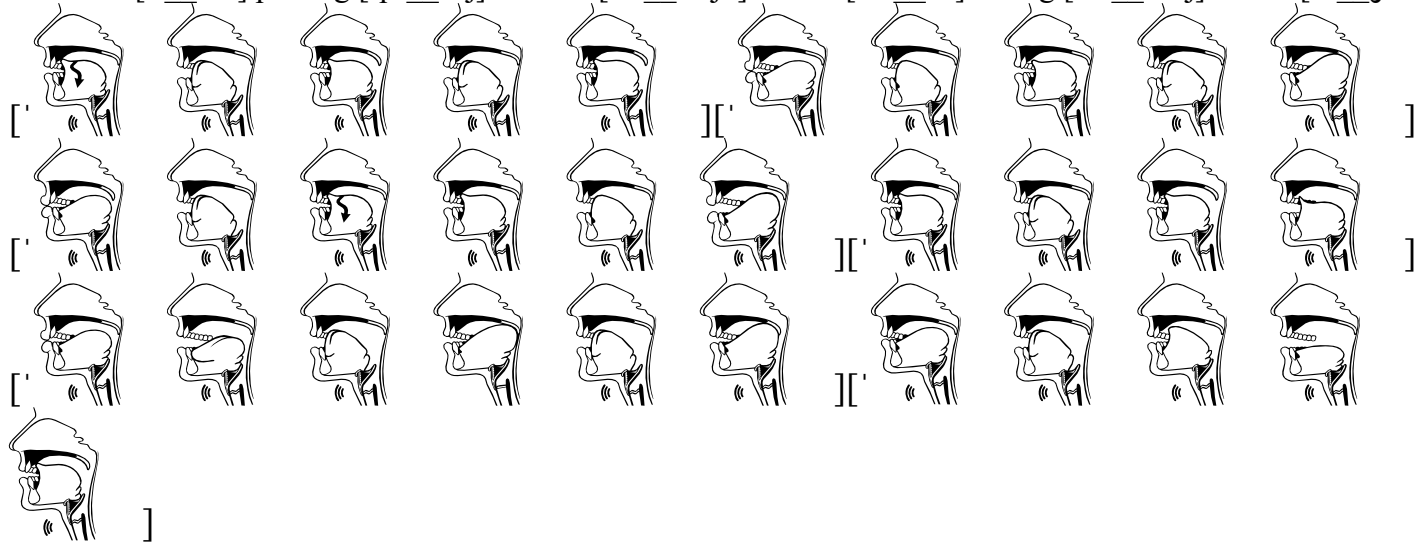
#9 vigil ['v_ɟʊɪ] fiendish ['f_ndʰɪʃ] lining ['l_nm] civic ['s_vɪkʰ] history ['h_stʰɔɜɪ] cinder ['s_ndʰɜ]



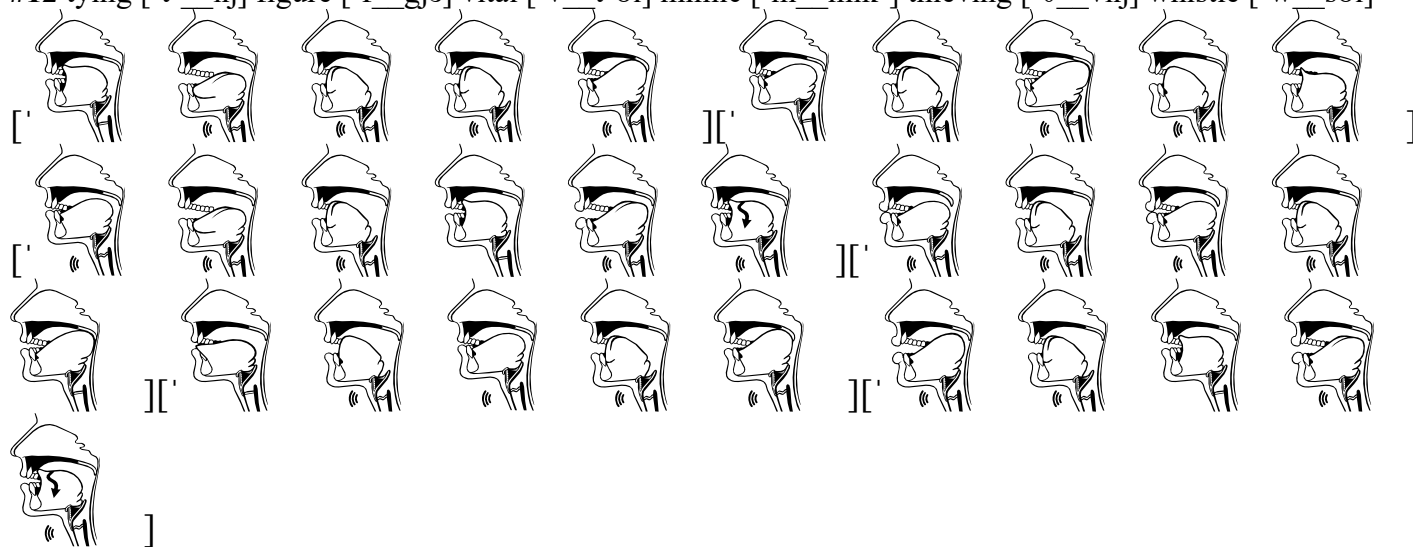
#10 friendly ['fr_ndʰɪɪ] shrieking ['ʃɪ_kʰɪŋ] driven ['dʰɪ_vɪn] bigger ['bʰ_gɜ] limit ['l_mtʰ] gliding ['gl_dʰɪŋ]



#11 linen ['l_nm] piecing ['pʰ_sɪŋ] mildew ['m_ɪdʰju] dinner ['dʰ_nɜ] biking ['bʰ_kʰɪŋ] vision ['v_ʒʌn]



#12 tying ['t^h__ɪŋ] figure ['f__gɜː] vital ['v__t^hʊl] mimic ['m__mɪk^h] thieving ['θ__vɪŋ] whistle ['w__sʊl]



ANSWER KEY

Unit 1A

Group exercise

violets	[ˈvaɪələts]
mighty	[ˈmaɪti]
crying	[ˈkɪaɪɪŋ]
diner	[ˈdɪnaɪnə]
glittering	[ˈɡlɪtərɪŋ]
finding	[ˈfaɪndɪŋ]
ivory	[ˈvaɪvəri]
sister	[ˈsɪstə]
wildcard	[ˈwaɪldkɑːd]

#1

spider	[ˈspɪdər]
lightning	[ˈlaɪtnɪŋ]
trial	[ˈtraɪəl]
dynasties	[ˈdaɪnəstɪz]
kindly	[ˈkaɪndli]
ringing	[ˈrɪŋɪŋ]
silly	[ˈsɪli]

#4

whisper	[ˈwɪspər]
quietly	[ˈkwaɪəntli]
winning	[ˈwɪnɪŋ]
lighted	[ˈlaɪtɪd]
childish	[ˈtʃaɪldɪʃ]
tyrants	[ˈtaɪzənts]
smiling	[ˈsmaɪlɪŋ]

#7

liar	[ˈlaɪər]
brighten	[ˈbraɪtən]
tyrant	[ˈtaɪzənt]
fifty	[ˈfɪfti]
wiser	[ˈwaɪzər]
signing	[ˈsaɪnɪŋ]
middle	[ˈmɪdəl]

#10

lighter	[ˈlaɪtər]
science	[ˈsaɪns]
dying	[ˈdaɪɪŋ]
kinder	[ˈkaɪndər]
swinging	[ˈswɪŋɪŋ]
pilot	[ˈpaɪlət]
bitter	[ˈbɪtər]

#2

higher	[ˈhaɪər]
willing	[ˈwɪlɪŋ]
rises	[ˈraɪzɪz]
childhood	[ˈtʃɪldhʊd]
pious	[ˈpaɪəs]
thinking	[ˈθɪŋkɪŋ]
cycles	[ˈsaɪkəl]

#5

minded	[ˈmaɪndɪd]
diet	[ˈdaɪət]
spying	[ˈspaɪɪŋ]
lilac	[ˈlaɪlək]
silvery	[ˈsɪlvəri]
kissing	[ˈkɪsɪŋ]
tightly	[ˈtaɪtli]

#8

written	[ˈrɪtɪn]
kindness	[ˈkaɪndnəs]
highway	[ˈhaɪweɪ]
silken	[ˈsɪlkɪn]
eyesight	[ˈaɪsaɪt]
triumphs	[ˈtɹaɪʌmfs]
striving	[ˈstɹaɪvɪŋ]

#11

drinking	[ˈdɪŋkɪŋ]
client	[ˈklaɪənt]
wildly	[ˈwaɪldli]
spices	[ˈspɪsɪz]
byway	[ˈbaɪweɪ]
sinner	[ˈsɪnər]
fighting	[ˈfaɪtɪŋ]

#3

riding	[ˈraɪdɪŋ]
blindness	[ˈblaɪndnəs]
piety	[ˈpiəti]
sitting	[ˈsɪtɪŋ]
frightened	[ˈfraɪtɪnd]
eyeing	[ˈaɪɪŋ]
linger	[ˈlɪŋgər]

#6

sighing	[ˈsaɪɪŋ]
lioness	[ˈlaɪənes]
milder	[ˈmaɪldər]
slyly	[ˈslaɪli]
hiding	[ˈhaɪdɪŋ]
winter	[ˈwɪntər]
chilly	[ˈtʃɪli]

#9

lying	[ˈlaɪɪŋ]
innocent	[ˈɪnəsənt]
tiny	[ˈtɪni]
winding	[ˈwaɪndɪŋ]
swiftly	[ˈswɪftli]
dial	[ˈdaɪəl]
nightly	[ˈnaɪtli]

#12

singer	[ˈsɪŋər]
riot	[ˈraɪət]
brightness	[ˈbraɪtnəs]
trying	[ˈtɹaɪɪŋ]
wilder	[ˈwaɪldər]
ivy	[ˈaɪvi]
filling	[ˈfɪlɪŋ]

Unit 1B

Group exercise

friendship	[ˈfrendʰʃɪpʰ]
pilgrim	[ˈpʰɪlɡʰɪm]
visit	[ˈvɪzɪtʰ]
tiger	[ˈtʰaɪɡʰɜ]
yielding	[ˈjɪldʰɪŋ]
lily	[ˈlɪlɪ]

#1

vivid	[ˈvɪvɪdʰ]
grievous	[ˈɡʰɪvʌs]
riddle	[ˈɪdʰəl]
city	[ˈsɪtʰɪ]
timing	[ˈtʰaɪmɪŋ]
children	[ˈtʃɪldʰɪm]

#4

flying	[ˈflaɪŋ]
liquid	[ˈlɪkʰwɪdʰ]
hilly	[ˈhɪlɪ]
cider	[ˈsaɪdʰɜ]
grieving	[ˈɡʰɪvɪŋ]
minute	[ˈmɪnʌtʰ]

#7

missing	[ˈmɪsɪŋ]
risen	[ˈɪzɪn]
diesel	[ˈdɪzəl]
timid	[ˈtɪmɪdʰ]
building	[ˈbɪldʰɪŋ]
fiber	[ˈfaɪbʰɜ]

#10

friendly	[ˈfrendʰɪlɪ]
shrieking	[ˈʃɪkʰɪŋ]
driven	[ˈdʰɪvɪn]
bigger	[ˈbɪɡʰɜ]
limit	[ˈlɪmɪtʰ]
gliding	[ˈɡʰlaɪdʰɪŋ]

#2

trio	[ˈtʰɪoʊ]
river	[ˈɪvɜ]
shielding	[ˈʃɪldʰɪŋ]
clinic	[ˈkʰlɪnɪkʰ]
fifteen	[ˈfɪftʰɪn]
icy	[ˈʔaɪsɪ]

#5

critic	[ˈkʰɪtʰɪkʰ]
fielder	[ˈfɪldʰɜ]
pity	[ˈpʰɪtʰɪ]
island	[ˈʔaɪləndʰ]
mister	[ˈmɪstʰɜ]
sliding	[ˈslɑɪdʰɪŋ]

#8

cynic	[ˈsɪnɪkʰ]
frying	[ˈfraɪŋ]
glimmer	[ˈɡʰɪmɜ]
finish	[ˈfɪnɪʃ]
minor	[ˈmaɪnɜ]
briefing	[ˈbʰɪfɪŋ]

#11

linen	[ˈlɪnɪn]
piecing	[ˈpʰɪsɪŋ]
mildew	[ˈmɪldʰɜ]
dinner	[ˈdɪnɜ]
biking	[ˈbɪkaɪkʰɪŋ]
vision	[ˈvɪʒən]

#3

priestly	[ˈpʰɪstʰɪlɪ]
wilderness	[ˈwɪldʰɜnɜs]
slipper	[ˈslɪpʰɜ]
dining	[ˈdɪnaɪŋ]
rigid	[ˈɪdʒɪdʰ]
given	[ˈɡʰɪvɪn]

#6

rider	[ˈɪaɪdʰɜ]
digit	[ˈdɪdʒɪtʰ]
living	[ˈlɪvɪŋ]
window	[ˈwɪndʰoʊ]
gifted	[ˈɡʰɪftʰɪdʰ]
thievery	[ˈθɪvɜɪ]

#9

vigil	[ˈvɪdʒəl]
fiendish	[ˈfɪndʰɪʃ]
lining	[ˈlaɪnɪŋ]
civic	[ˈsɪvɪkʰ]
history	[ˈhɪstʰɜɪ]
cinder	[ˈsɪndʰɜ]

#12

tying	[ˈtɪaɪŋ]
figure	[ˈfɪɡʰɜ]
vital	[ˈvaɪtʰəl]
mimic	[ˈmɪmɪkʰ]
thieving	[ˈθɪvɪŋ]
whistle	[ˈwɪsəl]

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