

CHAPTER 2. PHONETICS: THE SOUNDS OF LANGUAGE

SEGMENTS

Practice! Practice! *Getting ready for transcription*

- | | | | | | |
|----|-------|------|----|-------|-------|
| 1. | a. 3 | d. 6 | 2. | a. th | d. n |
| | b. 3 | e. 3 | | b. u | e. ch |
| | c. 5 | f. 4 | | c. c | f. ea |
| 3. | a. gh | d. m | | | |
| | b. ng | e. s | | | |
| | c. ow | f. c | | | |

SOUND CLASSES

Exercise! *Identify the underlined sound*

- | | |
|--------------|--------------|
| 1. consonant | 5. consonant |
| 2. vowel | 6. glide |
| 3. consonant | 7. vowel |
| 4. glide | 8. consonant |

CONSONANT ARTICULATION

Try This! *Articulatory terms for place of articulation*

- | | |
|----------------|-------------|
| a. labiodental | c. uvular |
| b. palatal | d. alveolar |

Now Try This! *IPA symbols for consonants*

- | | | | |
|----|--------|--------|--------|
| 1. | a. [θ] | c. [n] | e. [f] |
| | b. [ʃ] | d. [w] | f. [k] |
| 2. | a. [f] | c. [s] | e. [m] |
| | b. [ŋ] | d. [θ] | f. [s] |

Exercise! *Aspirated stops, syllabic consonants, and velarized l*

1. talk, pending, careful
2. bottom, suffer, kitten, bushel
3. silly, pull, meal

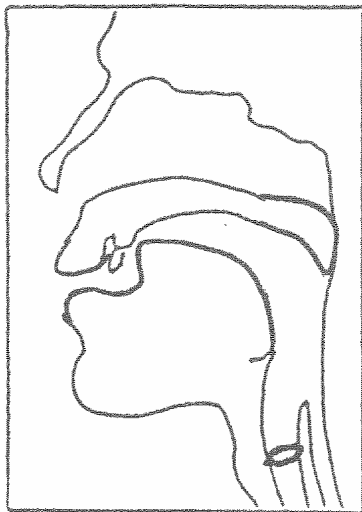
VOWEL ARTICULATION

Practice! *IPA symbols for vowels*

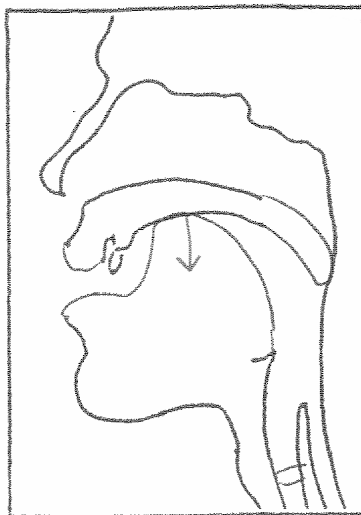
- | | | |
|-----------|--------|--------|
| 1. a. [u] | c. [i] | e. [ɪ] |
| b. [aɪ] | d. [ɑ] | f. [ʊ] |

FACIAL DIAGRAMS FOR CONSONANTS

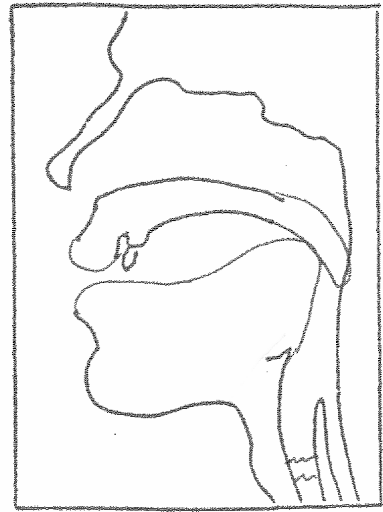
Completed facial diagrams



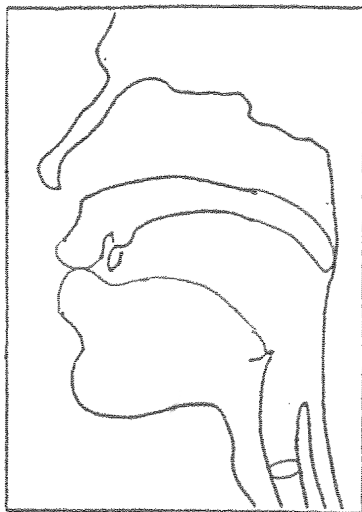
[s]



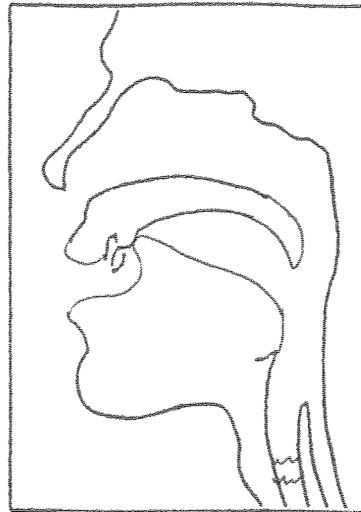
[tʃ]



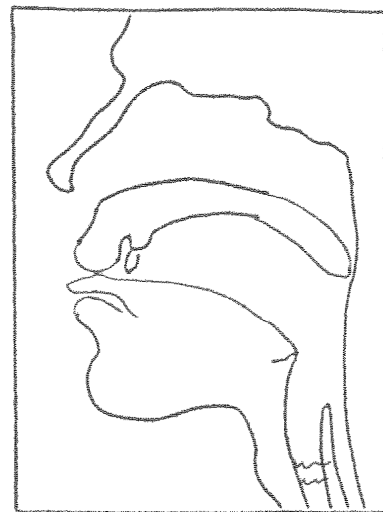
[g]



[p]

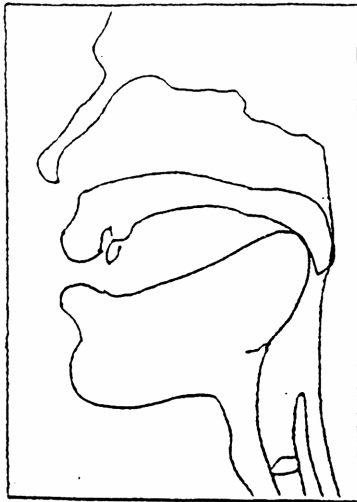


[n]

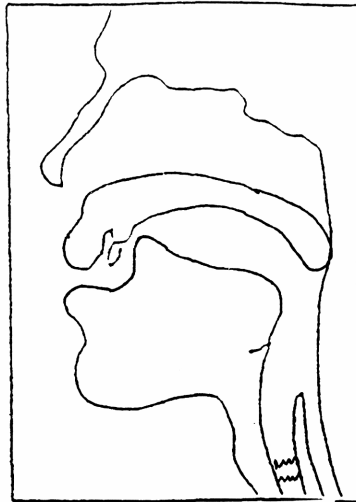


[ð]

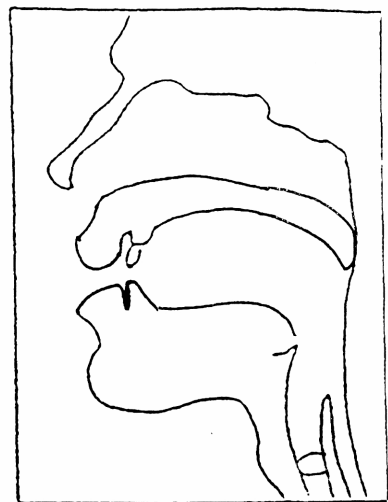
Labeled Facial Diagrams



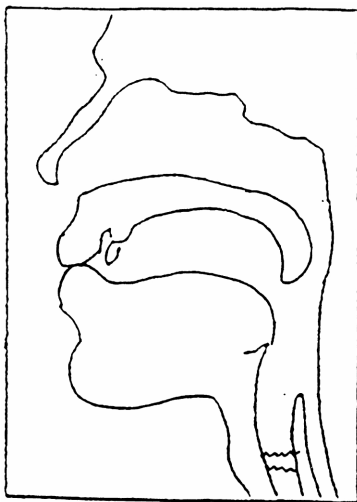
[k]



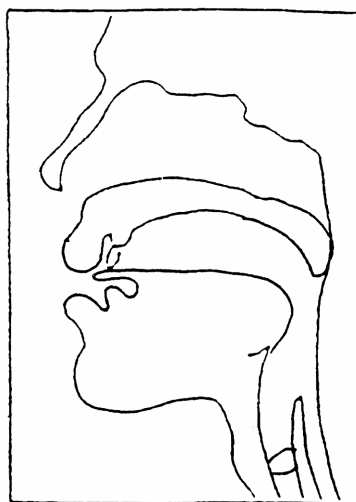
[z]



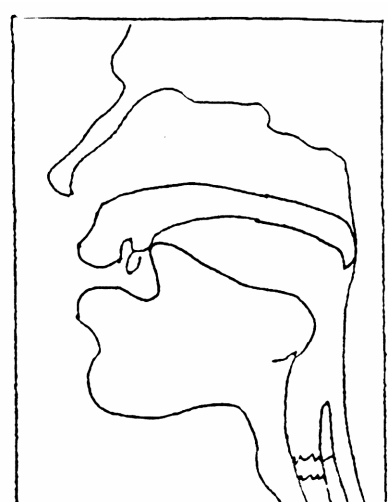
[h]



[m]



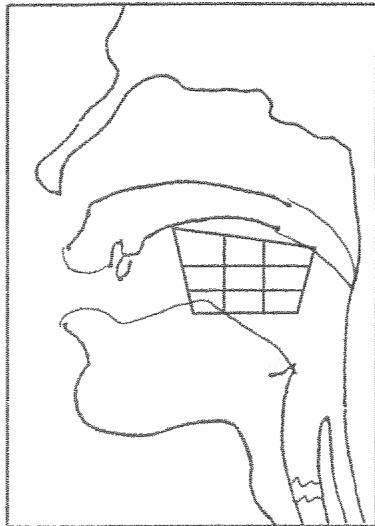
[θ]



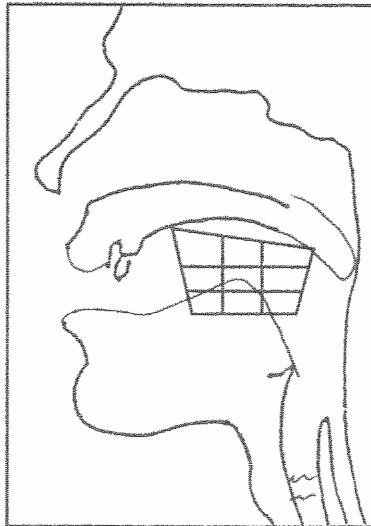
[d]

FACIAL DIAGRAMS FOR VOWELS

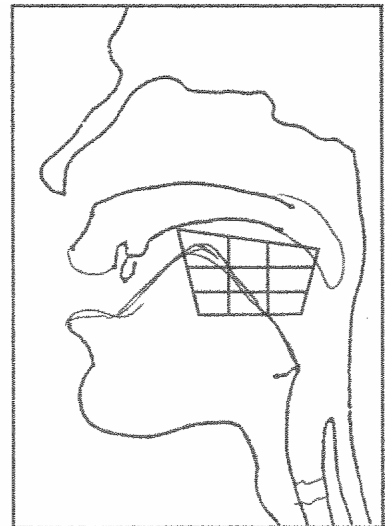
Completed facial diagrams



[æ]

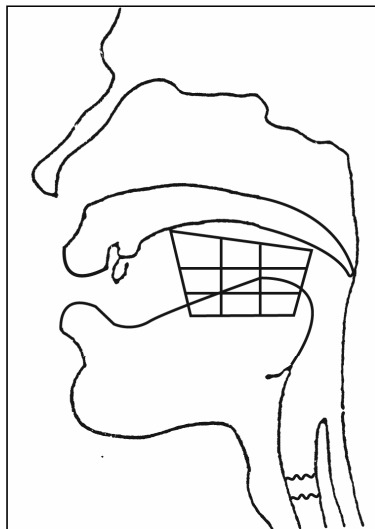


[ʌ]

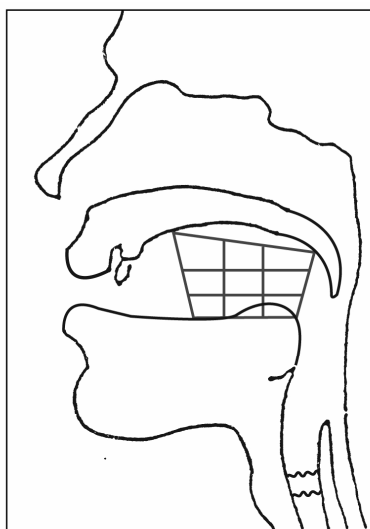


[ɪ]

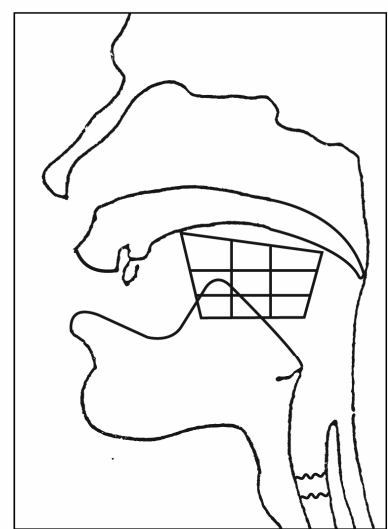
Labeled facial diagrams



[o] or [ow]



[ɑ̃]



[ej]

PRACTICE WITH SOUNDS

1. a. [ʔ] c. [m]
b. [i] d. [θ]
2. a. low front lax unrounded c. voiced palatal glide
b. voiceless labiodental fricative d. mid central lax unrounded
3. a. voiced oral stops d. back vowels
b. strident alveopalatals e. front lax unrounded vowels
c. voiced sonorants
4. a. [z], non-strident fricatives
b. [n], oral stops
c. [ɪ], back tense vowels

TRANSCRIPTION EXERCISES

A Start!

- | | | |
|------------|--------------|---------------|
| 1. [kræft] | 8. [vejg] | 15. [junit] |
| 2. [ritʃ] | 9. [ɛgzɪt] | 16. [pærɫ] |
| 3. [θat] | 10. [luʒ] | 17. [barm] |
| 4. [saj] | 11. [rustɾ] | 18. [kwɛstʃn] |
| 5. [tʰejp] | 12. [ʃugɾ] | 19. [endʒl] |
| 6. [hæd] | 13. [frag] | 20. [tʃɾtʃ] |
| 7. [hɛlθ] | 14. [ɪnstɛd] | |

Vowel Practice!

- | | | |
|-----------|-----------|--------------|
| 1. [kʰi] | 5. [ejt] | 9. [mejnʃit] |
| 2. [tʃiz] | 6. [ɪst] | 10. [mejd] |
| 3. [bown] | 7. [lowf] | 11. [θru] |
| 4. [du] | 8. [wiz] | 12. [θrow] |

More Vowels!

- | | | |
|------------|-------------|-------------|
| 1. [tʃɪr] | 7. [sɾ] | 13. [hart] |
| 2. [ðejr] | 8. [hɾ] | 14. [hard] |
| 3. [tʃejr] | 9. [flɔr] | 15. [harm] |
| 4. [kʰar] | 10. [ɔr] | 16. [ʃarp] |
| 5. [star] | 11. [hɔrs] | 17. [ʃɾt] |
| 6. [skɔr] | 12. [kʰɔrs] | 18. [θwɔrt] |

Practice with Diphthongs

- | | | |
|--------------|---------------|----------------------------|
| 1. [vojs] | 7. [ajz] | 13. [prawl] |
| 2. [trajl] | 8. [prajz] | 14. [k ^h awntɹ] |
| 3. [bajsɪkl] | 9. [ɪmbrojdɹ] | 15. [lejzi] |
| 4. [awɹ] | 10. [sejliŋ] | 16. [najft] |
| 5. [ojli] | 11. [krow] | 17. [dawn] |
| 6. [gowt] | 12. [krajd] | 18. [dejz] |

Practice with Schwa and Wedge

- | | | |
|--------------|---------------|-----------------|
| 1. [slɒdʒ] | 5. [bəhejv] | 9. [stʌf] |
| 2. [θʌndɹ] | 6. [ʌvɹ] | 10. [nejfən] |
| 3. [hʌŋ] | 7. [lʌk] | 11. [ənawns] |
| 4. [kwæləri] | 8. [sepərejt] | 12. [ʌndɹstænd] |

One More Try!

- | | | |
|------------------------------|-----------------------------|--|
| 1. [dejz] | 11. [bargin] | 21. [grædjuejt](verb)[grædjuət]
(noun) |
| 2. [ædʒətejt] | 12. [prɛfəs] | 22. [ɪmpləment] |
| 3. [nowm] | 13. [sajns] | 23. [p ^h andɹ] |
| 4. [ziraks] | 14. [məfin] | 24. [irəgejt] |
| 5. [rowst] | 15. [fɔrmjulə] | 25. [ajsəlejt] |
| 6. [p ^h ɪnstrajp] | 16. [mowɹɹsajkl] | 26. [t ^h ajmt ^h ɛbl] |
| 7. [ges] | 17. [sɹawndəd] | 27. [ʌnfərgɪvəbl] |
| 8. [θiætrəkl] | 18. [k ^h amədi] | 28. [frajtɹ] |
| 9. [mæskjulɪn] | 19. [ɛkstɪŋgwɪʃ] | 29. [ləmənejd] |
| 10. [jɛlow] | 20. [k ^h astjum] | 30. [k ^h ald] |

Reverse Transcription

- | | | |
|------------|-------------|-------------|
| 1. leisure | 6. softened | 11. choice |
| 2. shy | 7. worthy | 12. statue |
| 3. pipe | 8. tube | 13. shade |
| 4. axe | 9. phony | 14. mention |
| 5. sweet | 10. once | 15. square |

SUPRASEGMENTALS

Exercise!

- | | | |
|----------------|----------------|-----------------|
| 1. [skórnd] | 5. [mækərówni] | 9. [ɪnfórmətɪv] |
| 2. [dəskʰvɪ] | 6. [dúpləkejt] | 10. [ájðələjz] |
| 3. [ɪksplówʒn] | 7. [díktejt] | |
| 4. [dʒínjəs] | 8. [ákjupajd] | |

PROCESSES

- | | |
|--|---|
| 1. metathesis | 5. dissimilation |
| 2. epenthesis, nasalization (regressive) | 6. epenthesis |
| 3. epenthesis, voice assimilation | 7. deletion, nasalization (regressive),
place assimilation |
| 4. flapping | |