AMERICAN SPEECH SOUNDS AND RHYTHM

Elementary

HAZEL P. BROWN

SPEECHPIONE DIVISION FOLKWAY RECORDS

New York, New York



SPEECHPHONE STUDY GUIDE

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Description of the Speechphone Method

The Speechphone Method is designed primarily to improve the conversational speech of the student. It is based upon the principle that one should record his voice, in the space allowed, as he repeats after the recorder. He then listens, compares his pattern with that of the recording, and records again, making the necessary corrections. The most important function of the method is to present a correct form of pronunciation, rhythm, and intonation of good American speech. The courses, Elementary, Intermediate, and Advanced, were published in 1950, and are in the third revision, seventh printing. In 1959, a fourth unit, the Spoken Word List was added.

The Method has been constructed along accurately scientific lines. Each sound has been treated separately and presented in all three positions, initial, medial, and final, or in as many positions as the sound exists. It is first described and illustrated in a short definition, and then recorded in pairs of words, phrases, single words, and sentences. The phrases, which incorporate the sound in smooth rhythmic patterns, act as tongue exercises as well as rhythmic drills. In the sentences, which are such as might be used in everyday conversation, the sound is repeated at least three times. Nonsense syllables and tongue twisters have been excluded. There is just sufficient space after each word, phrase, and sentence so the listener, with practice, may acquire the rhythm of the recorder as he repeats.

Each course consists of a book, covering the forty-eight sounds of American English, which is recorded on three long-playing, twelve inch records produced by Columbia Recording Studios. The courses do not attempt to set up a model type of speech to be used by all speakers, but rather to offer an acceptable pattern for those who wish to hear sounds spoken in one of a number of correct ways. * Since no two people speak exactly alike, and since many words have two or more pronunciations, the Speechphone recorded patterns are those which appear first in the leading college dictionaries, and the American phonetic dictionary. Each word has been checked in all four sources. ** The vocabulary words have been checked and graded in accordance with the Thorndike and Lorge, Teacher's Word Book.

The treatment of rhythm, which makes the flow of words simple and natural, is the original feature of the Method, and is the basis upon which the courses are constructed. Proper and natural rhythm depend upon the correct use of the strong and weak forms of the articles, auxiliary verbs, pronouns, prepositions and conjunctions. These stressed and unstressed forms are listed in the appendix of each book.

^{*}Teachers, using the text, should feel free to acquaint the student with acceptable variants of pronunciations and thythmic patterns.

^{**} See preface of texts for sources of authorities used.

The Elementary Course is planned for the foreign-born student who can read and understand simple English* but who is unable to make himself understood because of incorrect stress and faulty rhythmic patterns. While there are many courses designed to teach English to the foreign-born student, Speech-phone is the only graded, recorded course scientifically planned for speech improvement in this country or abroad. This course gives the foreign-born student the rhythm and intonation of the language, and after a few weeks of listening and repeating, he will find that his pronunciation, rhythm, and intonation have improved to a point where he can make himself easily understood. As he continues to use the records, he gradually masters the intonation and rhythm of American English.

The beginning foreign-born student should learn the rhythm and intonation of the language the minute he begins to speak it. It is not necessary that he know the vocabulary but he does, of course, acquire word meanings as he proceeds. An important feature of the Speechphone Method is that the rhythm and intonation of the language is combined with the pronunciation, and the student who learns single words in the beginning is at a great disadvantage because he is not getting the melody of the language and it is much more difficult to acquire it later. The rhythm and intonation should come first, and then the phrases and sentences can be broken down into separate words for drill on pronunciation and enunciation.

The Intermediate and Advanced Courses, which are planned for the American student and for the advanced foreign-born student, differ from the Elementary only in that the vocabulary and sound combinations increase in difficulty. In the Elementary Course there are no combinations of contrasting sounds. In the Intermediate and Advanced Courses, contrasting combinations have been used only when the contrast serves to reinforce the sound being presented.

The Speechphone Spoken Word List, which is the fourth in the series, consists of a list of 3000 words which are frequently mispronounced or are likely to be confusing because of various spellings and pronunciations, or for other reasons. The spellings and pronunciations are those which are given first in the three leading college dictionaries and the American phonetic dictionary. The original feature of the word list is that the division of the words has been changed from the traditional syllabication used in the dictionaries to that of the syllabication of the word as it is spoken. In other words, the syllabication is such that the eye sees what the ear hears. Dictionary publishers realize the inconsistencies of their word divisions but for many reasons are unable to do anything about it. ** The word list will be a boon to the busy executive, teacher or student, because the pronunciation can be located so quickly, and since only the preferred form, carefully checked in the leading authorities is given, no time is wasted in trying to decide which pronunciation to use. Although the primary purpose of this list is to give an up-to-date pronunciation of the 3000 words, a brief meaning is also given; one which is as basic as space would permit. Many people who have used the other courses requested just such a course as this.

^{*} The courses have also been used as a means of aiding students in learning to read. ** See Webster's New World Dictionary - World Pub. Co. - Page IX - B - Syllabication

In using these courses, the student should determine which sounds give him the greatest difficulty, either with the aid of a teacher or through a professional analysis. If it is impractical to arrange for an analysis, the student should begin at the beginning of the book and take the lessons in the order in which they are given. Many classroom teachers follow this order as the lessons have been planned to meet the needs of the average student. Work on one lesson at a time until it can be repeated with ease in the space allowed for repeating. Work on only one new sound at a time. The ideal way to proceed is to allot two fifteen minute periods a day. It is necessary, in some cases, to work on one sound for six or seven days before proceeding to the next. Two suggestive procedures are as follows:

- 1. Listen to the lesson, reading the page silently. (3 minutes) *
- 2. Listen again, repeating the words, phrases, and sentences aloud after the record. (3 minutes)**
- 3. Repeat step one. (3 minutes)
- 4. Listen a fourth time, repeating and working for greater smoothness. (3 min.)
 (Total time: approximately 12 minutes)

If a tape recorder is available, use the following procedure:

- 1. Listen to complete lesson, reading the page silently. (3 minutes)
- 2. Listen again, repeating after the record and recording on the tape. (3 min.)
- 3. Listen to the tape recording, with pencil in hand, marking the places which are faulty. (3 min.)
- 4. Listen a fourth time, recording and making the necessary changes. (3 min.)
- 5. Now listen and notice the improvement. (3 minutes)

(Total time: approximately 15 minutes)

You will notice that each lesson takes approximately 3 minutes, and therefore with the above procedures, one will work approximately 12 or 15 minutes at a time which is long enough. The process may be repeated once at the same sitting but it is preferable to repeat it later.

If the student follows the above steps, reviewing previous lessons as he goes along with the advanced lessons, he should overcome his worst difficulties in a few weeks time. If he proceeds continuously and conscientiously, he should acquire the rhythm and intonation of the pattern in a relatively short time depending upon how many faults he has. If he started with either the Elementary Course or the Intermediate, he will now be ready for the next course. If he has been working with only the Advanced Course, he may wish to go back and repeat the process.

Such authorities as Dorothy Mulgrave, Professor of Speech at New York University; Evelyn Konigsberg, formerly assistant Supervisor of Speech, New York City Board of Education, and Claude M. Wise, world wide authority on speech and phonetics, formerly Chairman of Speech Department of Louisiana State University, acted as consultants in the preparation of the 1959 revision of these courses.

^{*} IT MAY BE NECESSARY FOR A BEGINNING FOREIGN-BORN PERSON TO LISTEN THREE OR FOUR TIMES BEFORE HE ATTEMPTS TO REPEAT.

THE LISTENER SHOULD NOT BE DISTURBED IF HE CANNOT REPEAT THE PATTERN THE FIRST OR SECOND TIME HE TRIES. IT TAKES PRACTICE.

^{***} IF THE LESSON HAS BEEN TAUGHT IN THE SPEECH CLASS, STEP I MAY BE OMITTED.

AMERICAN

SPEECH SOUNDS and RHYTHM

ELEMENTARY

Third Edition

by
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SPEECHPHONE DIVISION FOLKWAY RECORDS

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GROWEROS.

TO

MAX SHEROVER

LATE PRESIDENT of LINGUAPHONE INSTITUTE

FOREWORD

A language is characterized, not only by its basic sounds, but by its basic rhythms. French is different from Chinese, not only because French words are different from Chinese words, but because French is spoken with sounds and cadences quite different from those of spoken Chinese.

The common error of students of a language is to concentrate on one word at a time. A person who makes this error in learning to speak English is certain to lack, in his speech, the easy flow of words that is characteristic of our language. The value of Miss Brown's contribution lies in the original feature of her treatment of rhythm, which will make this easy flow of words simple and natural.

These books, concentrating on pronunciation and rhythm, written over a period of years, seem to answer a long felt need. The lessons are graded for use in classes of beginning, intermediate, and advanced levels of foreign-born students. The advanced book is designed for Americans, but may also be used for the very advanced foreign-born student.

Much remains to be done in the field of teaching English as a foreign language, and all of us in the field of adult education share in the responsibility for improving the methods by which we may help to make the foreign-born adult more effective in his use of the English language.

JOHN CARR DUFF, Ph. D.

Chairman, Department of Adult Education School of Education, New York University

PREFACE

The Speechphone Courses are graded for elementary, intermediate, and advanced students. In the elementary book, all contrasting sounds have been eliminated, as it was felt that the elementary student should concentrate on one sound at a time. In the intermediate and advanced books, contrasting sounds have been used only when the contrast serves, by way of review, to reinforce the sound being presented. In each lesson, the sound is listed in all three positions: initial, medial, and final, or in as many positions as the sound appears.

The sounds are not presented in the usual order (vowels: front, back, etc.) because the sequence used seems to be the one needed by most groups. While this arrangement may not fit the needs of every group, the fact that the lessons are not laid out in the usual order should encourage teachers to choose units which fit the needs of their particular students.

Every effort has been made to present material that is sensible and of a conversational nature, and at the same time to repeat the sound at least three times in every sentence. Nonsense syllables and tongue twisters have been excluded, and the sentences are such as might be used in everyday conversation. A complete lesson, in classes for foreign-born adults, could be built around the speech lesson: pronunciation, rhythm, vocabulary, grammar, composition, and even subjects for oral discussion.

A thorough understanding, and the correct use of stressed and unstressed forms is essential to smoothness and proper phrasing of all speech. The intonation of a new language is made more difficult, and very often impossible for students, because, in the first stages, pronunciation is stressed at the expense of rhythm.* The approach worked out in these courses, as a result of teaching both American and foreign-born students, has led to the treatment of articles, auxiliary verbs, pronouns, prepositions, and connectives, as unstressed syllables of the words which precede or follow them, except in the rare cases where these forms are stressed. An original feature of every lesson, and the basis of the method, is the group of phrases containing the various unstressed or weak forms of the different parts of speech in both initial and medial positions. These phrases serve both as rhythmic and tongue exercises.

WORD FREQUENCY: The words of these courses have been checked and graded in accordance with THE TEACHER'S WORD BOOK of 30,000 WORDS, by Thorn dike and Lorge. The check was made against the General Count, the Lorge Magazine Count, and the Thorndike-Lorge Semantic Count. Word repetition in the various books has been reduced to a minimum, so that the student who proceeds from one course to the next will be increasing his vocabulary at the same time that he is improving his rhythm, pronunciation, and intonation.

H.P.B.

SOURCES of PRONUNCIATION: Consensus of pronunciations given first by:

WEBSTER'S NEW WORLD DICTIONARY - World Pub. Co. - AMERICAN COLLEGE DICTIONARY - Harper Edition WEBSTER'S NEW COLLEGIATE DICTIONARY and A PRONOUNCING DICTIONARY of AMERICAN ENGLISH G. & C. Merriam Company

I wish to thank Simon Sage Rabison, Director of the Professional Academy of Speech, Waterbury, Connecticut, for his invaluable assistance in proofreading, and for his helpful suggestions.

^{*} See page VII - RHYTHM

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SPEECHPHONE METHOD

Record Albums

Elementary - Intermediate - Advanced to accompany
American Speech Sounds and Rhythm
by
Hazel P. Brown, M.A.

Each album contains three long playing, unbreakable records. The forty-eight lessons of the Elementary, Intermediate, and Advanced Courses are recorded verbatim, and cover all the sounds of the English Language used in American conversational speech.

The Speechphone Method is based upon the idea that the student should hear the rhythm and the intonation of the language at the same time that he hears the sounds. As he repeats after the speaker, he must practice until he can fit his words into the space allowed. Attentive listening and frequent repetition will give him the exact intonation and rhythm of the speaker. The records are so grooved that there is a space between the lessons, and the best results will be attained if the student will work on one lesson at a time.

The Speechphone Method, which can be used in the privacy and relaxed atmosphere of the home, the school library, or the study hall, is planned for:

FOREIGN-BORN STUDENTS

who wish to acquire, not only the correct pronunciation, but the rhythm and intonation of the language at the same time. This can be accomplished through ear training and frequent repetition.

(Elementary - Intermediate - Advanced Courses)

AMERICAN STUDENTS

- 1. who wish to attain greater clarity, smoothness of speech and rounder, fuller tones:
- 2. who lack self-confidence in speaking and in oral reading, because they are not sure of their pronunciation.

(Intermediate - Advanced Courses)

PROFESSIONAL PEOPLE-(Executives - Doctors - Lawyers - Clergymen - Public Speakers - Stage, Radio, and Television Personnel)

- 1. who wish to improve their speech for business or social reasons;
- who do not wish to be misjudged or misunderstood because of incorrect pronunciations of frequently mispronounced words. (Intermediate - Advanced Courses)

TEACHERS

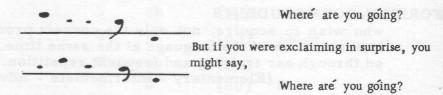
- 1. who are interested in their own pronunciation, both socially and professionally;
- 2. who wish to check the pronunciation of their students;
- 3. who are preparing for speech examinations.
 (Advanced Course)

INTONATION

Intonation, as defined by Webster, is the rise and fall in pitch of the voice in speech. Professor Hermann Klinghardt, who developed a system of marking by dots to show intonation patterns, states in his book, French Intonation Exercises, ".... a correct intonation seems to be even more important than a correct pronunciation, for the acquirement of a spoken foreign tongue." The two, however, are so closely linked that it is necessary to learn them simultaneously.

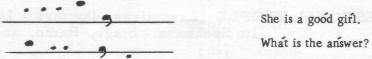
In his marking system, Klinghardt uses the heavy dot for the stressed syllable and the light dot for the unstressed syllable; the heavy comma for the down-glide, and the heavy comma inverted, for the up-glide. A horizontal line, known as the measuring line, is used to indicate the normal pitch of the voice.

Although the most characteristic element of any language is its intonation or melody, the importance of acquiring the correct intonation of a foreign language is generally underestimated. Every language has its own characteristic intonation pattern, and the stress in any phrase or breath group may change, depending upon the meaning you wish to convey, for example, if you were asking someone where he was going, in a casual way, you would say,



The following rules, however, are generally true and will be helpful to those who are learning English. *

1. A complete thought ends with a down-glide. A question beginning with an interrogative word ends with a down-glide.



2. An incomplete thought ends in an up-glide. A question which can be answered by yes or no ends in an up-glide.



* The first stressed syllable in any group is always the highest in pitch.

RHYTHM

Stressed and unstressed forms of words, and syllables of words, play a very important part in the rhythm of speech. In the appendix of this book, you will find a list of the most common weak forms of the various parts of speech. Here we shall concentrate on the weak forms of the articles a, an, and the; the conjunction and; the verb was; and the prepositions, at and for, as they appear in the phrases of the lessons which follow.

For example, the sentence, She was the one, would not be spoken as isolated words, she/was/the/one, but rather, as a word of four syllables, she' was the one'. The group would have the same rhythmic pattern as the word, re' in tro duce'. There would be weak stress on the first word she, and strong stress on the last word one, just as there is weak stress on the first syllable re and strong stress on the last syllable duce, in the word reintroduce.

In the phrases below, the articles a and an become the unstressed syllables of the words which follow them. For example, in the phrase, a hall hat rack, the words a and hall would be pronounced ahall, just as you would pronounce about.

å hall hat rackån ar 'my actionå calm answerån art 'studentå tall candleån ar dent actor

In the following phrases, the article the merges with the words which precede and follow it.

has thaticket thi army officer

close tha door thi archery tournament

tha market place thank the author

Use the unstressed (weak) forms as indicated by the following spellings.*

thi offense waz trifling head 'nd arm
she waz tha winner health 'n wealth
thi effect waz different coffee 'n wafers

came fà thả book
fà carrying power
searching fà knowledge
at eight o'clock

^{*} The spelling of the unstressed or weak forms, as given above, are as they are represented in Webster's Guide to Pronunciaiton, with the following exceptions:

ă is represented by å; the by thå; wuz by waz; fr by få.

Consonant th (θ)

The unvoiced th sound, as in thin, nothing, bath, is produced by placing the tip of the tongue lightly against the lower edge of the upper front teeth, and blowing out an unvoiced breath.

think -	thank	something -	nothing	bath	-	path
throw-	through	healthy -	wealthy	mouth	-	month
thin -	thick	anything -	everything	north	-	south

Listen to the rhythm in the following phrases. Notice the three different ways of saying the word and.

health is wealth 'held IZ 'weld something for nothing thick and thin 'dik an 'din through and through 'dru: n 'dru: n orth and south 'no do an 'saud anything and everything 'enidin nd 'evridin

thank	arithmetic	bath
thing	birthday	both
thief	healthy	cloth
through	faithful	death
thin	truthful	faith
thick	bathtub	path
thread	nothing	north
think	something	mouth

- 1. You can't get something for nothing; everything has a price.
- 2. Why does a healthy child put his thumb in his mouth?
- 3. She had thread and cloth, but no thimble.
- 4. Did you thank your sister for both birthday gifts?
- 5. Theodore hurt his mouth when he fell on the path.
- 1. ju 'kant 'get 'samθιη fo 'naθιη; 'evrιθιη 'hæz o 'prais.
- 2. 'mai dez e 'helei 'tsaild put iz 'eam in iz 'maue?
- 3. Si hæd 'θred an 'kla·θ, bat 'nou 'θimbl.
- 4. did ju 'θæŋk jua 'sista fa 'boυθ 'ba·θdei 'gifts?
- 5. 'θia do: 'ha t iz 'mauθ men i 'fel on ða'paθ.

LESSON 2

Consonant th (8)

The voiced th sound, as in this, mother, with, is produced by placing the tip of the tongue lightly against the lower edge of the upper front teeth and blowing out a voiced sound.

this - that either - neither soothe - smooth these - those mother - brother teethe - breathe them - their weather - feather clothe - loathe

Listen to the following phrases. Notice the s and z sounds when they are followed by the voiced th.

it was there 'It waz 'ÖEA has the ticket 'hæz Öa 'tıkıt is the other one 'Iz Öi 'AÖA 'WAN press the coat 'pres Öa 'kout dress the child 'dres Öa 'tJaild close the door 'klouz Öa 'doa

this other with that mother breathe these father clothe those brother bathe they weather soothe them feather smooth than either teethe there neither loathe

- 1. These pictures are much better than the others.
- 2. Can you do your other shopping this afternoon?
- 3. His father and mother were looking for his brother.
- 4. Did you smooth the child's hair with the brush?
- 5. It is difficult to soothe a child when he is teething.
- 1.'ði:z 'pikt∫əz a 'mat∫ 'betə ðən ði 'nðəz.
- 2. kæn ju 'du jur 'Aða 'Jopin ðis afta'nu:n?
- 3. hiz 'fa: ðər ən 'maðə wə 'lukin fər jz 'braðə.
- 4. did ju 'smu: ð ða 'tsaildz 'hea wið ða 'bras?
- 5. It iz 'difakalt ta 'su: à a 'tsaild men i iz 'ti: din.

LESSON 3

Consonant t (t)

The t sound, as in time, little, bit, is represented by t and double t. It is produced by placing the tip of the tongue against the upper gum ridge and releasing it, as an unvoiced sound is emitted.

time	-	tame	battle	-	cattle	hit	-	hut
		tell	better	-	letter	bit	-	but
try	-	true	matter	-	fatter	kit	-	cut

In the following phrases, notice the difference in the t sound when it is followed by a consonant; by a vowel.

a soft hat the gate post the tall tale	ə 'sə·ft ða 'geit ða 'tɔ:l	poust	write a note a little matter twenty-two times	'rait a 'nout a 'litl 'mæta 'twenti 'tu: 'taimz
table			battle	at
take			cattle	hat
talk			better	cat
tell			matter	late
time			little	wait
true			eating	soft
tune			writing	write
twelve			printing	gate

- 1. They played table tennis until late in the afternoon.
- 2. What is the matter with the tiny baby?
- 3. Get your hat and coat and wait for me at the gate.
- 4. Did he write a letter to his sister yesterday or today?
- 5. The child was eating his breakfast when he choked on the pit.
- 1. der 'pleid 'terbl 'tenis an'til 'leit in di afta'nu:n.
- 2. 'mpt iz őa 'mæta wið ða 'taini 'beibi?
- 3. get jus 'hæt en 'kout en 'weit fe mi et de 'geit.
- 4. did i 'rait e 'lete tu iz 'siste 'jeste, dei e te'dei?
- 5. de 'tsaild waz 'i'tin iz 'breksast men i 'tsoukt on de 'pit.

LESSON 4

Consonant d (d)

The d sound, as in doll, candle, bad, is represented by d and double d. It is produced by placing the tip of the tongue against the upper gum ridge and releasing it as a voiced sound is uttered.

dame- dimepadding- puddingadd - maddeal- dullridden- hiddenhad - sadduck- deckbidding- buddinglad - bad

In the following phrases, use the weak forms of the articles, a, an, and the.

a friend in need a 'frend in 'ni:d the muddy road o' madi 'roud the doctor's dut o' doktaz 'dju·ti a dark day a 'da·k 'dei a dime a dozen a 'daim a 'dazn the hidden garden o' hidn 'ga:dn

bad bundle dark bed candle day bride ladder date called ready desk kind reduce door need under dirt head saddle dust find window duty

- 1. He did his duty and rode away.
- 2. Did the thief carry the bundle down the ladder?
- 3. Dorothy had a date with the dentist on Monday.
- 4. Do they have pudding for dinner every Sunday?
- 5. It was a dark day, but the bride wore a white dress.
- 1. hi'did iz 'dju-ti ən 'roud ə'wei.
- 2. did őə 'Gi·f 'kærı őə 'bandı 'daun őə 'lædə?
- 3. dpraθi hæd a 'deit wið ða 'dentist on 'mandi.
- 4. du čer hæv 'pudin fa 'dinar 'evri 'sandi?
- 5. It waz a 'da·k 'der, bat da 'braid 'warr a 'mait 'dres.

LESSON 5

Consonant f (f)

The f sound, as in flame, left, cuff, is produced by placing the edge of the upper teeth upon the lower lip and blowing the air out.

face - firstdiffer - differentlife - wifeforce - fourthoften - softenleaf - beeffall - failoffer - suffercalf - half

In the following phrases watch the rhythm. Use the weak form of the conjunction and.

face the future 'feis do 'fju·tlo coffee and wafers 'ko·fi on 'weifoz before and after bi'fo:r and 'afto knife and fork 'naif on 'fo·k laugh it off 'laf it 'o·f half and half 'haf on 'haf

fan after half fat before leaf careful fear loaf feel coffee wolf fine sofa calf far offer laugh fall laughter knife effort fast safe

- 1. She ordered a loaf of bread and some fresh fruit.
- 2. Did the clown make funny faces for the children?
- 3. It was not safe for the child to have the knife.
- 4. Did Philip take his medicine before and after meals?
- 5. The knife and fork fell on the floor.
- 1. Ji 'o:dad a 'louf av 'bred an sam 'fres 'fru·t.
- 2. did őa 'klaun 'meik 'fani 'feisiz fa őa 'tJildran?
- 3. It waz 'not 'seif fa da 'tsaild ta 'hæv da 'naif.
- 4. did 'filip 'teik iz 'medəsn bi'fə:r ənd 'aftə 'mi:lz?
- 5. de 'naif en 'fo·k 'fel on de 'floe.

Consonant v (v)

LESSON 6

The v sound, as in van, cover, of, is produced by placing the edge of the upper teeth upon the lower lip and emitting a voiced sound.

veil - viledriver - drivinglove - glovevein - vinediver - divingleave - weavevote - vowweaver - weavinglive - five

Watch the rhythm in the following phrases.

save and have 'selv on 'heev a vast valley o 'vest 'vell carve the veal 'ka:v do 'vi:l a village weaver o 'villad' wi:vo serve the gravy 'so:v do 'greivi a heavy stove o 'hevi 'stouv

dive cover vacation move ever value weave envelope vein live voice every five visit never love seven vote have savage very leave weaver vine

- 1. She visited the village in the valley.
- 2. Why did the visitor carve the veal?
- 3. The weaver wove very fine gloves and veils.
- 4. Did the students vote to have their vacation in November?
- 5. The driver of the moving van covered the furniture.
- l. Si 'vizitid de 'vilida in de 'væli.
- 2. 'mai did de 'vizete 'ka:v de 'vi:l?
- 3. de 'wi:ve 'wouv 'veri 'fain 'glavz en 'veilz.
- 4. did de 'stju:dents 'vout te 'hæv des veikeisen in no'vembe?
- 5. de 'draiver ev de 'mu:vin 'væn 'kaved de 'fa:nitse.

LESSON 7

Consonant w (w)

The w sound, as in we and twice, is a voiced consonant. It is produced by rounding the lips, raising the back of the tongue, and uttering a voiced sound.

west - waste wise - wait went - want

backward - forward inward - outward unwind - rewind

In the following phrases watch the pronunciation of the article the, when it precedes a vowel; a consonant.

the wild waves do 'waild 'weivz the wicked woman do 'wikid 'wuman the well wisher oa 'wel 'wisa the unworthy writer oi an'ws:oi 'raita the unwise will oi An'waiz 'wil the wise watchman oo 'waiz 'wot Imon

wait walk warn wave were went work with

away forward sandwich someone backward reward unwise wigwam

- 1. She was waiting and watching for her son.
- 2. Did you see the swallow in the willow tree?
- 3. The widow wore black for many weeks.
- 4. Did the bride wear white at the wedding?
- 5. William washed and wiped the glassware.
- 1. Ji waz 'weitin an 'wotlin fa ha 'san.
- 2. did ju 'si: ða 'swolo in ða 'wilo 'tri:?
- 3. de 'wido 'wo: 'blæk fe 'meni 'wi·ks.
- 4. did őə 'braid weə 'mait ət őə 'wedin?
- 5. 'wiljam 'wolt an 'waipt oa 'glæswea.

LESSON 8

Consonant wh (M)

The wh sound, as in which and what, is the voiceless cognate of the w sound. It is produced by rounding the lips, raising the back of the tongue and blowing out an unvoiced sound.

where - when which - why whether - whisper anywhere - everywhere somewhere- somewhat meanwhile - nowhere

Repeat the following phrases noting the difference between the voiced \boldsymbol{w} sound and the voiceless \boldsymbol{w} .

why worry which way whittle wood alt wurl

what a whale
whine and whimper main an 'mimpa where and when 'mear an 'men

whale which white whip when where while why nowhere meanwhile somewhat millwheel anywhere bobwhite horsewhip elsewhere

- 1. Wherever they went and whatever they did seemed to be wrong.
- 2. Did he catch a whitefish when he was fishing on the wharf?
- 3. He tried to imitate the whistle of the whippoorwill.
- 4. Did the horse whinny when his master whistled?
- 5. Whenever the dog is tied up, he whimpers and whines.
- 1. Mear'eva der 'went an mot'eva der 'did 'si:md ta bi 'ro:n.
- 2. did i 'kæts a 'mait fis men i waz 'fisin on da 'ma.f?
- 3. hi 'traid tu 'Imateit da 'misl av da 'mipawil.
- 4. did őə 'ho·s 'mini men iz 'mastə 'misld?
- 5. men'eva da'da:g iz 'taid 'Ap, hi 'mimpaz an 'mainz.

LESSON 9

Vowel ē (i:)

The long e sound as in eat, need, tree, is formed by raising the edges of tongue, except the tip, almost to the hard palate, spreading the lips and uttering a voiced sound.

eat - each heat - seat me - key ease - easy beat - feet we - tree eastern- evening meet - sheet tea - sea

In the following phrases, notice the pronunciation of the final e in the word the when it is followed by a consonant; by a vowel.

the peach tree 8 'pi·ts' tri: the eastern city 8 'i·ston 'siti the free ticket 8 'fri: 'tikit the easy way 8 'i:zi 'wei the green peas 8 'gri:n 'pi:z the eager student 8 'i:go 'stju:dont

be feet each free keep eager knee leave east tree need easy three please either see sleep even we kneel equal she sweep eagle

- 1. Keep your feet off the seat.
- 2. How many weeks did they agree to spend in Freeport?
- 3. The breeze was cold enough to freeze the leaves on the trees.
- 4. Did Steve hurt his knee on the tree?
- 5. They had meat, green peas, and beets for lunch.
- 1.'ki·p juə 'fi·t 'ɔ·f ðə 'si·t.
- 2. hav meni 'wi·ks did dei a'gri: ta 'spend in 'fri·po·t?
- 3. ða 'bri:z waz 'kould i'naf ta 'fri:z ða 'li:vz pn ða 'tri:z.
- 4. did 'sti:v 'ha·t iz 'ni: pn őə 'tri:?
- 5. čer hæd 'mi·t, 'gri:n 'pi:z, an 'bi·ts fa 'lants.

LESSON 10

Vowel ĭ (I)

The short i sound, as in it, him, city, is produced by raising the edges of the tongue toward the hard palate as in the long e sound, only not quite so high.

if - illdid- bidcity - pityin - inchhid- kidbusy - dizzyit - itchlid - ridpretty - kitty

Notice the pronunciation of the article the, when it precedes a vowel; a consonant.

the ink stand 01 'Ink 'stænd the busy city 03 'bizi 'siti the index file 01 'Indeks 'fail the pretty lady 03 'priti 'leidi the inside door 01 'In, said doo the frisky kitten 03 'friski 'kitn

if bill pretty ill been city ink give guilty inch milk happy into him busy inside six sixty infant will pity invite quick funny

- 1. They served milk and crispy crackers to the children.
- 2. Did Kit spill the ink on the silk quilt?
- 3. The little kitty was quick to drink her milk.
- 4. How many inches do they need inside the window sill?
- 5. It was pitiful to see the infant so ill.
- 1. őei 'ss:vd 'milk ən 'krispi 'krækəz tə öə 'tlildrən.
- 2. did 'kit 'spil ði 'ink on ða 'silk 'kwilt?
- 3. do 'litl 'kiti waz 'kwik ta 'drink a 'milk.
- 4. hau meni 'intsiz du dei 'ni:d in'said de 'windo 'sil?
- 5. It waz 'pitifal ta 'si: õi 'infant 'sou 'il.

Vowel e (e)

LESSON 11

The short e sound, as in end and bed, is produced by raising the edges of the tongue as for the short i sound, only slightly lower. The lower jaw is also slightly lowered in going from long \tilde{e} to short \tilde{i} to short \tilde{e} .

end - edge elm - else enter - entrance neck - deck head - dead belt - felt

In the following phrases, distinguish carefully between the long \overline{e} , and the short ξ , and the short ξ .

help the sick help of sik mend the net hend of help of

lend a hand 'lend a 'hænd send a bit 'send a 'bit attend a meeting a'tend a 'mi•tin

end
empty
egg
enter
edge
every
engine
excellent

letter
heavy
enemy
pencil
better
central
when
twenty

- 1. Henry attends a meeting every Wednesday.
- 2. Did the enemy move the heavy engines to a central position?
- 3. The fisherman asked the woman to help mend the net.
- 4. Did Ella write the letter to her friend in pencil?
- 5. Many of the guests left the meeting at ten twenty.
- 1. 'henri a'tendz a 'mi·tin 'evri 'wenzdi.
- 2. did di 'enemi 'mu:v de 'hevi 'end3inz tu e 'sentrel pe'zisen?
- 3. őa 'filaman 'askt őa 'wuman ta 'help 'mend őa 'net.
- 4. did 'ela 'rait da 'leta tu 3 'frend in 'pensal?
- 5. 'meni av da 'gests 'lest da 'mi tin at 'ten 'twenti.

Diphthong a (e1)

The long a sound, as in ate, cake, repay, is produced by raising the front tongue and bringing the sides in contact with the upper teeth.

able	- angel	bake	-	take		play	-	pray
ail	- age	tale	-	fail	r	spray	-	stay
aid	- ate	rail	-	sale		bay	-	bray

Repeat the following phrases smoothly.

in the rain in 80 'r stay and play 'ster on a great day o 'greit	'ple: in the shade	
able	bake	play
aid	cage	pray
age	came	spray
ail	date	stay
ate	fame	say
ape	pain	clay
angel	wave	stray
apricot	mate	neigh

- 1. They had apricots and angel cake for supper.
- 2. Did they wave to their playmates on the train?
- 3. They sailed eight miles along the bay.
- 4. Did they go to the Great Lakes in Aprilor in May?
- 5. The mail plane was delayed because of the rain.
- 1. der hæd 'erprikots and 'ernd3al 'kerk fa 'sapa.
- 2. did dei 'weiv ta dea 'plei, meits on da 'trein?
- 3. der 'seild 'eit 'mailz a'lo:n da 'bei.
- 4. did dei 'gou ta da 'greit 'leiks in 'eipral ar in 'mei?
- 5. de 'meil 'plein wez di'leid bi'ko:z ev de 'rein.

the army officer

archer

LESSON 13

de 'ma·kit 'pleis

Vowel ä (a:)

The ä sound, as in arm, father, jar, is produced by lowering the jaw and keeping the tongue flat with the tip resting behind the lower front teeth.

arm - army	calm - palm	are - bar
art - artist	part - party	car - far
arch - archer	mark - market	jar - tar

In the following phrases, distinguish carefully between the final e in the word the when it is followed by a vowel; by a consonant.

ði 'a:mī 'o·fasa the market place

the Arctic Ocean the parked car	ði 'a•ktik 'ou∫en the large garden ðe 'pa•kt 'ka: the calm artist	ðə 'la:d3 'ga:dn ðə 'ka:m 'a·tist
are	guard	ah
arc	heart	jar
arch	lark	mar
arm	mark	bar
army	park	far
art	father	car
artist	varnish	are

market

- 1. The architect drew an arc and the mason built the arch.
- 2. Did the farmer drive the car to the barn?
- 3. She sang like a lark because her heart was light.
- 4. Did he try to remove the tar from the car with varnish?
- 5. The guard marched to and fro in the court yard.
- 1. ði 'a·kətekt 'dru: ən 'a·k ən ðə 'mersən 'bilt ði 'a·ts.
- 2. did őə 'fa:mə 'draiv őə 'ka: tə őə 'ba:n?
- 3. Ji 'sæn lark a 'la k br'ka:z a 'ha t waz 'lart.
- 4. did i 'trai tə ri'mu:v öə 'ta: frəm öə 'ka: wiö 'va:nis?
- 5. ða 'ga:d 'ma·tst 'tu: an 'frow in ða 'ka·t 'ja:d.

Vowel a (æ)

LESSON 14

The a sound, as in at and man, is produced by raising the front tongue slightly but keeping the tip behind the lower front teeth. The soft palate is always raised for this sound.

am - add
as - at
ankle - apple

sad - had
pad - pat
ran - tan

In the following phrases, distinguish carefully between the final e in the word the when it is followed by a vowel; by a consonant.

the black cat őə 'blæk 'kæt wrap the package 'ræp őə 'pækid3 the angry cabman ői 'æŋgrī 'kæbmæn sample the apples 'sæmpl ði 'æplz the fat cattle őə 'fæt 'kætl match the jacket 'mætl őə 'dækīt

add
at
ankle
apple
action
alley
accident
ancestor

baggage mansion sample package cabbage savage habit shadow

- 1. The accident in the mansion caused trouble in the family.
- 2. Did he burn his ankle or his hand with the match?
- 3. He left his jacket in the back yard on the apple cart.
- 4. Did the accident happen on the avenue or in the alley?
- 5. The cat was watching the rabbit eating the cabbage.
- 1. ði 'æksadant in ða 'mænsan 'ka:zd 'trabl in ða 'fæmali.
- 2. did i 'ba:n iz 'ænkl ar iz 'hænd wið ða 'mæts?
- 3. hi 'left ız 'd3ækıt ın öə 'bæk 'ja:d on öi 'æpl 'ka·t.
- 4. did ði 'æksədənt 'hæpən on ði 'ævənju ər in ði 'æli?
- 5. ða 'kæt waz 'wotlin ða 'ræbit 'i tin ða 'kæbid3.

LESSON 15

Vowel à (a)

The neutral vowel, which is the first sound in above, and the final sound in soda, is made with the lips and tongue in a relaxed position, and is found only in unstressed syllables and in diphthongs.

about - above giant - client mother - father asleep - awake accident - alphabet brother - sister amount - account parasol - parachute sofa - soda

Repeat the following phrases, blending the weak forms smoothly.

about the circus ə'baut ðə 'ss•kəs a cold dinner ə 'kould_'dinə around the corner ə raund ðə 'kɔ:nə the other members ði 'Aðə 'membəz above the sofa ə'bAv ðə 'soufə dinner and supper 'dinər ən 'sApə

alone buffalo soda around balloon extra relative ago zebra among parade china alarm finally never agree giant other away canary camera afraid cadet sofa

- 1. She went around the corner to get another vanilla soda.
- 2. Was he afraid to go away and leave his relative alone?
- 3. The children saw the giant in the parade at the circus.
- 4. Did he finally agree to let the other members vote?
- 5. She was amazed and annoyed when the company arrived.
- 1. Ji 'went a'raund da 'ka:na ta 'get a'nada va'nıla 'souda.
- 2. waz i a'freid ta 'gou a'wei an 'li:v iz 'relativ a'loun?
- 3. de 'tsildren 'so: de 'daaient in de pe'reid et de 'sekes.
- 4. did i 'fainəli ə'gri: tə 'let öi 'nöə 'membəz 'vout?
- 5. Ji waz a'merzd and a'nord men da 'kampanr a'rarvd.

LESSON 16

Vowel ŭ (A)

The short u sound, as in up and bundle, is produced by raising the middle of the tongue toward the hard palate and uttering a short voiced sound.

utter - under usher - uncle untie - unwrap mother - brother thunder - wonder funny - muddy

Repeat the following phrases, blending the weak form of the article a into the words which follow it.

public support double trouble rough country

'pablik sa'po t 'dabl 'trabl 'raf 'kantri

a dozen bundles a muddy puddle a 'madi 'padl

a 'dazn 'bandlz

a funny umbrella a 'fani am' brela

ugly umbrella under uncle us oven upstairs until

hut tongue dozen cousin thunder wonder mutter young -

- 1. Uncle Dudley is upstairs cutting Tom's hair.
- 2. Did she drop her umbrella in the muddy puddle?
- 3. Their mother and their uncle told them not to run in the hot sun.
- 4. Were the children having fun playing with the bunny?
- 5. She hid the broken cup under the other dishes.
- 1. 'Ankl 'dadli iz ap'steez 'katin 'tomz 'hee.
- 2. did si 'drop er am'brele in de 'madi 'padl?
- 3. des 'mader en deer 'ankl 'tould dem 'not te 'ran in de 'hot 'san.
- 4. wa da 'tlildran hævin 'fan 'pleiin wid da 'bani?
- 5. Ji 'hid de 'brouken 'kap 'ande di 'ade 'disiz.

Consonant k (k)

LESSON 17

The k sound, as in kite, making, like, is produced by pressing the back of the tongue against the soft palate and uttering an unvoiced sound as the tongue is released.

cork - cord	basket - biscuit	book - look
car - cut	weekly - quickly	walk - talk
cake - cane	walking - talking	make- take

Repeat the following phrases smoothly.

bake the cake catch the bouquet cut the corners	'beik ða 'keik 'kæt∫ ða bu'kei 'kat ða 'ka:naz	a copper kettle a cunning kitten a cup of cocoa	e 'knpe 'k	kitņ	
9.1	mak	ing		back	
can		making basket			
call				book	
cake	wor	0		wake	
cut	bisc	uit		look	
key	pict	ure		make	
kind	wall	king		walk	
kick	beca	ause		take	
kitten	coco	oa		work	

- 1. Carol's mother baked a cake for the picnic.
- 2. Did he keep all his old coins in a copper kettle?
- 3. Kathryn had bacon, biscuits, and cocoa for breakfast.
- 4. What did they do with the cake, candy and cookies?
- 5. The kitten looked comfortable curled up in her cozy basket.
- 1. 'kæralz 'maða 'beikt a 'keik fa ða 'piknik.
- 2. did i 'ki·p 'o:l iz 'ould 'koinz in a 'kopa 'ketl?
- 3. 'kæθrin 'hæd 'beikan, 'biskits, an 'kouko fa 'brekfast.
- 4. 'mot did dei 'du: wid de 'keik, 'kændi, en 'kukiz?
- 5. ða 'kitn 'lukt 'kamfatabl 'ka:ld 'Ap in a 'kouzi 'bæskit.

LESSON 18

Consonant g (g)

The g sound, as in get, begin, beg, is produced by pressing the back of the tongue against the soft palate and emitting a voiced sound as the tongue is released.

game	-	gate	organ	-	bugle	bag -	rag
girl	-	gale	begin	-	began	big -	
goat	-	gone	forget	-	forgot	egg-	leg

Repeat the following phrases smoothly, using the weak forms of the articles a and the.

dig the gold begin again gather the eggs	'dıg öə 'govld bı'gın ə'gen 'gæöə öi 'egz	the angry gander a hungry dog the giggling girls	õi 'ængrı 'gændə ə 'hangrı 'də:g Õə 'gıglın 'gə:lz
girl glad give		begin bugle forget	big dig dog
gate		sugar	leg
gone		organ	pig
grass		cigar	rag
garden		again	fog
grain		giggle	beg

- 1. The girls gave the glad tidings to the group.
- 2. Did they keep the grass cut around the garden gate?
- 3. She forgot about her rag doll when she saw the big dog.
- 4. Did he go to town to sell his eggs or to get his groceries?
- 5. She repeated the story to the giggling girls again and again.
- 1. ða 'ga:lz 'geiv ða 'glæd 'taidinz ta ða 'gru·p.
- 2. did dei 'ki·p de 'græs 'kat e'raund de 'ga:dn 'geit?
- 3. Ji fa'got a'baut ha 'ræg' 'dol men Ji 'so: ða 'big 'do:g.
- 4. did i 'gou te 'taun te 'sel iz 'egz o te 'get iz 'grouseriz?
- 5. Ji ri'pi·tid öa 'sto:ri ta öa 'giglin 'ga:lz a'gen and a'gen.

LESSON 19

Consonant ng (η)

The ng sound, as in sing and ringer, is produced by raising the back of the tongue to the soft palate and emitting a voiced sound through the nose.

sing - singerbring - bringinghang - hangerfling - flingingring - ringerbang - banging

In repeating the following phrases, be sure that there is no click at the end of the ng sound.

running in growing up coming on	'ranin 'in 'groin 'ap 'kamin 'on	going swimming singing a song working early	'goin 'swimin 'sinin a 'soin 'wa·kin 'aili
bring cling sting young long rang song king		singer bringer springer flinger wringer hanger banger slinger	eating drinking running walking singing dancing sleeping talking

- 1. They went walking in the morning and riding in the evening.
- 2. Were the students studying or playing when the fire broke out?
- 3. She studied dancing and painting when she was traveling.
- 4. Are you going swimming this afternoon or this evening?
- 5. The singers are planning to visit in Reading.
- 1. čer went 'wo kin in ča 'mo:nin an 'raidin in či 'j:vnin.
- 2. wa da 'stju:dants 'stadiin o 'pleiin men da 'faia 'brouk 'aut?
- 3. Si 'stadid 'dænsin en 'peintin 'men Si wez 'trævlin.
- 4. a ju 'goin 'swimin dis afta'nu:n o dis 'i:vnin?
- 5. do 'sinoz a 'plænin to 'vizit in 'redin.

Consonant 1(1)

LESSON 20

The *l* sound, as in *low*, salad, ill, is produced by pressing the tip of the tongue against the upper gum ridge, and widening the front tongue as the air passes over the sides.

lip	_	lap	fellow	-	follow	fall	-	fell
let		: 12 - 12 - 12 - 12 - 12 - 12 - 12 - 12	hello	-	hollow	shawl	-	shell
led	-	lad	pillow	-	willow	ball	-	bell

Repeat the following phrases smoothly.

							'seilin 'vesl
							'd3pli 'mila'
light the	lantern 'lai'	; ða	lænten	the	hollow ball	gs	'hplo 'bo:l

land	jello	all
last	salad	ball
lap	lily	call
let	alive	fall
left	yellow	girl
like	follow	pull
light	early	sell
lose	milk	soil

- 1. Yale lost the football game last April.
- 2. Did Helen mail your letter last night?
- 3. Light the candle and place it on the table.
- 4. Did they fill the pail at the well or at the lake?
- 5. They left on the late train last night.
- l.'jeil 'lo·st do 'fut bo:l 'geim 'læst 'eiprol.
- 2. did 'helan 'meil jua 'leta 'læst 'nait?
- 3. 'lait de 'kændl en 'pleis it on de 'teibl.
- 4. did dei 'fil de 'peil et de 'wel er et de 'leik?
- 5. der 'left on de 'lest 'trein 'læst 'nait.

LESSON 21

Consonant r (r)

The r sound, as in read, very, narrow, is produced by raising the front tongue toward the upper gum ridge and curling the tip back.

ran - run ride - rode rag - rug merry - berry very - hurry story - glory

Read the following phrases smoothly.

right and wrong 'rait on 'ro:n the narrow bridge oo 'næro 'brid3 round the room 'raund oo 'ru:m the ripe cherries oo 'raip 'tseriz read and write 'ri:d on 'rait the storm raged oo 'sto:m 'reid3d

story read very ring hungry rich weary rain marry red carry ran cherry rat berry rug

- 1. The children were running across the narrow bridge.
- 2. Were the girls quarreling during the rehearsal?
- 3. Robert ran down the stairs and through the drawing room.
- 4. Were the children reading the rhymes that they had written?
- 5. The men were hungry and weary after their long trip.
- 1. ða 'tsildran wa 'ranın a'kra·s ða 'næro 'brid3.
- 2. wa ða 'ga:lz 'kworalıŋ 'djurıŋ ða rı'ha·sal?
- 3. 'robet 'ræn 'daun de 'steez en eru: de 'dro:in 'ru:m.
- 4. wa da 'tsildran 'ri:din da 'raimz dat dei had 'ritn?
- 5. de 'men we 'hangri en 'wiri 'afte dee 'lo:n 'trip.

Vowel û (3:)

LESSON 22

The û sound, as in urn, bird, and her, is produced by placing the tip of the tongue behind the lower front teeth and raising the middle of the tongue to a half high position. Do not curl the tip of the tongue backward.

earn - earth earl - early urge - urgent chirp - churn - whirl girl third - word

her - fur sir - were purr - stir

Repeat the following phrases smoothly.

the third word oo '03:d 'w3:d the early bird di '3:li 'b3:d turn the churn 't3:n do 'ts:n the first worm do 'f3.st 'w3:m learn the verse 'l3:n do 'v3.s

whirl the girl

'm3:1 0a 'q3:1

earn earth err early urn earnest urchin urge learn burn work curtain turn third churn nerve

fur sir stir were purr occur refer blur

- 1. They learned the words of the first and third verses.
- 2. Did the urchin catch worms and feed them to the birds?
- 3. He has been turning the churn since early this morning.
- 4. Did she resign from the firm after serving thirty years?
- 5. She turned the curtains to hide the dirt.
- 1. ŏeɪ 'la:nd ŏa 'wa:dz av ŏa 'fa·st an 'θa:d 'va·sız.
- 2. did ði '3.tsin 'kæts 'w3:mz ən'fi:d ðəm tə ðə 'b3:dz?
- 3. hi haz bin 'ta:nin ða 'tsa:n 'sins 'a:li ðis 'mo:nin.
- 4. did si ri'zain fram da 'fa:m 'afta 'sa:vin '03.ti 'jiaz?
- 5. Ji 'ta:nd de 'ka tenz te 'haid de 'da t.

RECORD III

LESSON 23

Vowel oo (u:)

The long oo sound, as in ooze, cool, who, is produced by raising the back of the tongue toward the soft palate and rounding the lips into a small circular form.

lose - choose ooze - oozed true - blue cool - spool oozy - oodles grew - drew goose - loose oolong - umiak who - woo

Repeat the following phrases smoothly.

a school shoe a soup spoon a cool food	<pre>a 'sku:l 'su: a 'su'p 'spu:n a 'ku:l 'fu:d</pre>	the loose spool the blue pool the school rule	ða 'lu·s_spu:l ða 'blu: 'pu:l ða 'sku:l 'ru:l
			chew
ooze		cool	
oolong		goose	do
oozes		tool	glue
		spool	blue
oodles		•	
oozed		loose	true
umiak		school	too
oozy		root	who
ooziness		roost	grew

- 1. We always eat cool foods at noon during the warm weather.
- 2. Was he gloomy because his school work wasn't going smoothly?
- 3. The baby chewed on a spool when he was cutting his tooth.
- 4. Did Ruth move the stool into the other room?
- 5. The pig was rooting among the plants which grew near the pool.
- l. wi 'o:lwiz 'i·t 'ku:l 'fu:dz ət 'nu:n 'djurin öə 'wə:m 'weöa.
- 2. waz i 'glu:mi bi'ka:z iz 'sku:l 'wa·k waznt 'goin 'smu:öli?
- 3. ða 'beibi 'tsu:d on ða 'spu:l men i waz 'katıŋ ız 'tu·θ.
- 4. did 'ru·θ 'mu:v ŏə 'stu:l intə ŏi 'Aŏə 'ru:m?
- 5. ða 'pig waz 'ru·tin a'man ða 'plænts mits 'gru: nia ða 'pu:l.

RECORD III

LESSON 24

Vowel oo (v)

The short ∞ sound, as in book, wolf, full, is produced in much the same way as the long ∞ , but the tongue is slightly lower and more relaxed, and the lips are slightly less rounded.

book - cook hook - look nook - took

wool - full brook - shook good - would

Repeat the following phrases smoothly.

a cook book s'kwk'bwk full of sugar 'fwl sw'Jwgs a bushel full s'bwJsl'fwl pull the wool 'pwl ŏs'wwl a good look s'gwd'lwk push and pull 'pwJ sn'pwl

book cook good put shook foot pull took woman woolen wooden cushion pudding bushel butcher pulley

- 1. The cook took the pudding out of the oven just in time.
- 2. Did they push the key in or pull it out?
- 3. She took a bushel of apples home to the cook.
- 4. Was the cookie jar full of sugar?
- 5. The woman would not pick up the wood.
- 1. ða 'kuk 'tuk ða 'pudin 'aut av ði 'avan 'd3ast in 'taim.
- 2. did dei 'pus de 'ki: 'in e 'pul it 'aut?
- 3. Si 'tuk a 'buSal av 'æplz 'houm ta ða 'kuk.
- 4. waz ða 'kukı 'd3a: 'ful av 'Juga?
- 5. ða 'wuman wud 'not 'pik 'Ap ða 'wud.

^{*} With the exception of the words umlaut and oomph, this sound occurs only in the medial position.

LESSON 25

The s sound, as in saw, message, nice, is a breathed or unvoiced consonant. It is formed by pressing the sides of the tongue lightly against the upper teeth so as to form a narrow groove. The breath is then emitted through a slight opening of the teeth.

saw - seen	passage - message	pass - gas
sing - sang	missing - kissing	face - place
sink - sank	racing - facing	nice - rice

In the following phrases, the s is a soft, breathed sound, in all three positions.

sink or swim stand or sit silk or satin	'sink a 'swim 'stænd a 'sit 'silk a 'sætn	singing a song sign the message pass the salt	'sain õa 'i 'pæs õa 's	mesid3
seat silk sing soft summer supper sunny something		passing lesson whistle castle pressing missing wasting muscle		pass cross dress face loose house class nice

- 1. She did not waste time looking for the missing dress.
- 2. Will you pass the salt and salad to Sylvia?
- 3. She sat in the sun until six o'clock.
- 4. Did they have celery soup and salmon salad for supper?
- 5. She was listening to the story about sunny Spain.
- 1. Si did 'not 'weist 'taim 'lokin fo oo 'misin 'dres.
- 2. wil ju 'pæs őa 'so:lt an 'sælad ta 'silvia?
- 3. Ji 'sæt in öð 'san an'til 'siks ð'klok.
- 4. did dei 'hæv 'selari 'su·p an 'sæman 'sælad fa 'sapa?
- 5. Ji waz 'lısnın ta da 'sto:rı a'baut 'sAnı 'spein.

Consonant z (z)

LESSON 26

The z sound, as in zeal, hazy, buzz, is a voiced consonant. It is produced by pressing the sides of the tongue against the sides of the upper teeth so as to form a narrow groove. A voiced sound is then emitted through a slight opening of the teeth.

zeal - zinclazy - easyrise - prizezero - zebradozen - cousinplays - dayszoo - zonecrazy - daisyeyes - tries

In the following phrases, the s spelling is pronounced as z.

close the doors 'klouz ða 'doaz freeze the dessert 'fri:z ða dī'za·t visit the zoo 'vīzīt ða 'zu: praise an author 'preīz an 'o·θa raise the prices 'reīz ða 'praisīz choose the music 'tʃu:z ða 'mju:zīk

is zeal easy has zebra dozen use frozen zero zinc lazy lose size teasing zone 200 music breeze daisy prize zoology zipper cousin quiz

- 1. Squeeze the oranges and freeze the dessert for supper.
- 2. Were the children teasing the animals in the zoo?
- 3. His friends were surprised at his crazy actions.
- 4. Did you close the doors and lock the windows?
- 5. Washington's soldiers crossed the Delaware in freezing weather.
- l.'skwi:z ði 'o:rind3iz ən 'fri:z ðə di'z3.t fə 'sapə.
- 2. wa ða 'tsildran 'ti:zin ði 'ænamlz in ða 'zu:?
- 3. hiz 'frendz wa sa'praizd at iz 'kreizi 'ækjanz.
- 4. did ju 'klouz ða 'do:z an 'lok ða 'windoz?
- 5. wplintanz 'sould3az 'kro.st da 'dela, wer in 'fri:zin 'weda.

Consonant sh (1)

The sh sound, as in sharp, cushion, bush, is produced by bringing the teeth close together and raising the sides of the tongue toward the hard palate, and uttering an unvoiced sound.

shake - shavefashion - rationcash - dashshape - shadeissue - tissuehash - flashshall - shawlocean - motionmash - sash

shine your shoes	'Sain jua 'Su:z	shut the shop	'Int de 'Sop
shop for fish	'Spp fa 'fis		'Sot av 'kæs
wash the dish	lib' số lưw'	shape the bush	leip de 'bul

addition	bush
bushel	dish
ashamed	finish
ocean	push
seashore	wish
bashful	fish
machine	dash
national	crush
	bushel ashamed ocean seashore bashful machine

- 1. She shut the windows and pulled down the shades during the shower.
- 2. Did they have fish and radishes for supper?
- 3. You should brush your hair before washing it.
- 4. Did the Nash car crash into the shop on the corner?
- 5. She did her shopping on the shady streets.
- 1. Si 'Sat de 'windoz en 'puld 'daun de 'Seidz 'djurin de 'Saue.
- 2. did bei 'hæv 'fil en 'rædiliz fe 'sape?
- 3. ju lad 'bral jua 'hea bi'fo: 'wolin it.
- 4. did do 'næf 'ka: 'kræf 'into do 'fop on do 'ko:no?
- 5. Ji did ha 'Jopin on da 'Jeidi 'stri·ts.

Consonant zh (3)

LESSON 28

The zh sound, as in azure and garage, is produced by bringing the teeth close together, raising the sides of the tongue toward the hard palate, and uttering a voiced sound.

division - decision measure - treasure pleasure - leisure beige - rouge garage - corsage mirage - potage

Repeat the following phrases until you can say them smoothly.

the azure sky di 'æ3a 'skar the beige coat de 'bei3 'kout the dark rouge de 'da k 'ru:3

a visual pleasure a small measure a rare occasion

a 'vi3ual 'ple3a

a 'smo:l 'me3a a 'rear a'ke13an

usual
pleasure
explosion
decision
measure
vision
division
treasure

rouge beige garage corsage mirage camouflage prestige potage

- 1. He made a wise decision in spite of the confusion.
- 2. Did she wear her corsage on her beige coat?
- 3. He measured the garage with unusual precision.
- 4. Did she use rouge only on rare occasions?
- 5. She spent her leisure time on visual pleasures.
- 1. hi 'meid a 'waiz di'si3an in 'spait av da kan'fju:3an.
- 2. did Si 'wee he ko'sa:3 pn he 'beid 'kout?
- 3. hi 'me3əd öə gə'ra:3 wiö An'ju:3uəl pri'si3ən.
- 4. did Si 'ju:z 'ru:3 'ounli on 'rear a'kei3anz?
- 5. Ji 'spent ha 'li:3a 'taım on 'vı3ual 'ple3az.

LESSON 29

Consonant ch (ts)

The ch sound, as in child, bachelor, much, is produced by bringing the teeth close together, pressing the tip and sides of the tongue against the upper gum ridge, and uttering an unvoiced sound as the tongue is released.

chick - chillteacher - preacherhatch - catchcheek - cheatriches - ditcheseach - reachchess - checklunches - bunchesbunch - lunch

Repeat the following phrases until you can say them smoothly.

a beach lunch a 'bi tf 'lants catch the cheater 'kæts da 'tsi ta a rich bachelor a 'rits' 'bætsala choose a chicken 'tsu:z a 'tsikan change the chair 'tseind3 da 'tsea

chair buthcer each chain kitchen lunch chalk matches march chance teacher match child merchant beach chew bachelor watch cherry richest speech check wretched catch

- 1. The richest people are often the most wretched.
- 2. Why did they chase the chickens from the orchard?
- 3. She had no chance to check her speech before she gave it.
- 4. Did the child catch cold at the beach?
- 5. They had chicken and cheese sandwiches for lunch.
- 1. de 'ritsist 'pi·pl er 'p·fen de 'moust 'retsid.
- 2. 'mai did dei 'tseis de 'tsikenz frem di 'o tsed?
- 3. Ji hæd 'nov 'tsæns te 'tsek 3 'spi.ts br'fo: Si 'gerv rt.
- 4. did ða 't∫aild 'kæt∫ 'koʊld at ða 'bi•t∫?
- 5. der 'hæd 'tsikan an 'tsi:z 'sændwitsiz fa 'lants.

Consonant j (d3)

close together, pressing the tip and sides of the tongue against the upper gum

LESSON 30

ridge, and then uttering a voiced sound as the tongue is released.

iest - just wages - pages cage - page

The j sound, as in jump, magic, page, is produced by bringing the teeth

jest - justwages - pagescage - pagejam - germedges - hedgesledge - lodgejug - jigdeject - rejectbridge - badge

Repeat the following phrases using the weak forms of the articles for smoothness and proper rhythm.

the large cage do 'la:d3 'keid3 the huge engine do 'hju:d3 'end3in a stage joke o 'steid3 'd3ovk cage the pigeon 'keid3 do 'pid3on a legion badge o 'li:d3on 'bæd3 judge and jury 'd3Ad3 on 'd3vri

pigeon age jam bridge agent jump change wages juice soldier page joke manager carriage jury region orange join subject stage jacket damage engine jelly

- 1. The manager said that he would raise the wages of the agent.
- 2. Did you leave your jacket on the ledge or in the carriage?
- 3. They put the pigeon in a large cage.
- 4. Were the pages of the language book gilt edged?
- 5. They changed the badges of the legion in January.
- 1. ða 'mænad3a 'sed ðat i wad 'reiz ða 'weid3iz av ði 'eid3ant.
- 2. did ju 'li:v jua 'd3ækit pn öa 'led3.ar in öa 'kærid3?
- 3. čei 'put če 'pid3en in e 'la:d3 'keid3.
- 4. wa ŏa 'peid3iz av ŏa 'længwid3 'buk 'gilt 'ed3d?
- 5. der 'tseind3d de 'bæd3iz ev de 'li:d3en in 'd3ænju,eri.

Diphthong ou (av)

The ou sound, as in out, gown, how, is produced by starting with the organs in the position for the \dot{a} sound, as in half, and shifting quickly into the position of the short 00, as in foot.

owl - ouncedoubt - doubterbow - cowout - ourscout - scouterhow - nowoutfit - outlinepout - poutersow - row

In the following phrases, distinguish between the final e in the word the, when it is followed by a vowel; by a consonant.

the outer bower oi 'auta 'baua the pouting scout oa 'pautin 'skaut the hour of dawn oi 'auar av 'da:n the growling lion oa 'graulin 'laian the outside door oi 'aut said 'daa the howling dog oa 'haulin 'da:g

allow loud out bow brown our down cow ounce gown outfit now how found owl round vow outside outer mouth scow outline mouse plow

- 1. She made wrinkles in her brow by scowling.
- 2. How many ounces are there in a pound?
- 3. The farmer plowed the ground around the house.
- 4. Did she shout loudly when she saw the mouse?
- 5. He found out that she had taken a vow.
- 1. Si 'meid 'rinklz in 3 'brav bai 'skavlin.
- 2. hau 'meni 'aunsiz a dear in a 'paund?
- 3. ða 'fa:ma 'plaud ða 'graund a'raund ða 'haus.
- 4. did Si 'Saut 'laudli men Si 'so: őa 'maus?
- 5. hi 'faund 'aut öst Ji had 'terkan a 'vau.

Diphthong o (ou)

LESSON 32

The o sound, as in old, note, low, is produced by raising the mid tongue slightly, and rounding the lips. It moves quickly from pure o, as in obey, to short 00, as in book.

oh - oldsoul - soapgo - slowoak - oatknown - noteshow - snowown - onlyboat - bothlow - flow

throw the snow stole the gold sow the oats	'erou de 'snou 'stoul de 'gould 'sou di 'outs	the old crow the slow pony the foaming ocean	pouni
oak		boat	go
oat		both	sow
only		home	toe
open		soap	low
over		cold	row
old		wrote	flow
ocean		loaf	throw
oboe		note	know

- 1. The children were throwing snow at the old boat.
- 2. Did he have cold milk on his bowl of oatmeal?
- 3. The cold winds were blowing in from the ocean.
- 4. How many low notes could he play on his oboe?
- 5. The crows ate all the oats that were out in the open.
- l. ða 't∫ıldran wa 'θroιŋ 'snow at ŏı 'ould 'bowt.*
- 2. did i hæv 'kould 'milk on iz 'boul av 'out mi:1?
- 3. de 'kould 'windz we 'bloin 'in frem di 'oulen."
- 4. 'hau 'meni 'lou 'nouts kad i 'plei on iz 'oubo?
- 5. de 'krouz 'eit 'e:l di 'outs det wer 'aut in di 'oupen.

^{*} In words, such as throwing and blowing, where the o sound in the stressed syllable is followed by an unstressed syllable, the pure vowel is preferable.

LESSON 33

Diphthong u (ju:)

The long u sound, as in use, music, due, is produced by raising the edges of the mid tongue toward the hard palate for the first element of the diphthong and then lowering it for the second element \overline{oo} , as in moon.

use	- unit	beauty	- duty	due	- sue
you	- youth	huge	- cube	view	- hue
union	- unite	suit	- cute	new	- few

use the units	'ju:z ðə 'ju:nīts	the huge cube	ða 'hju:d3 'kju:b
refuse the suit	'rī'fju:z ðə 'sju·t	the news bureau	ða 'nju:z 'bjuro
a new union	ə 'nju: 'ju:njən	a futile duty	ə 'fju·tl 'dju·tı

use	beauty	dew
unit	refuse	rescue
union	huge	few
unite	duty	menu
uniform	suitable	new
you	student	stew
universal	numerous	view
youth	reduce	knew

- 1. It was stupid to reduce in such a manner.
- 2. Were their opportunities reduced by the union?
- 3. The students assumed that the program was futile.
- 4. Did the duke feel that his duties were unique?
- 5. Unions have numerous uses and duties.
- l. It waz 'stju·pid ta ri'dju·s in 'sat∫ a 'mæna.
- 2. wa čear ppa'tju:nitiz ri'dju·st bai ča 'ju:njan?
- 3. ða 'stju:dants a'sju:md ðat ða 'prougræm waz 'fju·tl.
- 4. did ða 'dju·k 'fi:l ðat iz 'dju·tiz wa ju'ni·k?
- 5. ju:njenz hæv 'nju:meres 'ju·siz en 'dju·tiz.

^{*}Authorities differ on the labeling of this sound. Merriam Webster and Kenyon and Knott list it as a diphthong, symbolizing it as both iu and ju.

Diphthong I (a1)

LESSON 34

The \bar{i} sound, as in ice, type, dry, is produced by shifting the organs quickly from the position of the \dot{a} sound, as in half, to the position of the \dot{i} sound, as in it.

eye - idea sight - right by - cry
ivy - idle might - kite fly - high
isle - island light - night my - sigh

a high tide a night ride	a 'hai 'taid a 'nait 'raid	the right idea the trial flight	등 그 이 없는데 살아서 그렇게 되었다면 이 사람들이 되었다면 그 것이 되었다면 하는데 살아 되었다.	
a bright guide	a 'brait 'gaid	the five pilots	de 'faiv 'pailet	8
eye		bind	b	у
ice		crime		ry
idea		dive	d	ry
idle		mine	f	ly
iron		time		igh
ivy		line	n	ny
isle		right		igh
island		sight		ie

- 1. I'll try to write that letter tonight.
- 2. Did he dive in beyond the white line?
- 3. Time and tide wait for no man.
- 4. Did she sigh as she watched her son fly higher and higher?
- 5. I'm sure it was the right time to buy.
- 1. ail 'trai te 'rait öæt 'lete te'nait.
- 2. did hi 'daiv 'in bi'jond oo 'mait 'lain?
- 3. 'taim on 'taid 'weit fo 'nou 'meen.
- 4. did Si 'sai az Si 'wotSt 3 'san 'flai 'haiar an 'haia?
- 5. aim 'Jur it waz da 'rait 'taim ta 'bai.

LESSON 35

Vowel ô (o:)

The \hat{o} sound, as in all, talk, saw, is produced by dropping the jaw, projecting the lips forward in a rounded position, and raising the back of the tongue slightly.

awe - awful	ball - fall	saw - paw
all - almost	call - hall	law - jaw
also - always	tall - wall	draw - claw

tall or short fall or autumn talk or walk	'to:l a 'So·t 'fo:l ar 'o·tam 'to·k a 'wo·k	caught the ball saw the flaw taught the hawk	'ko·t ða 'bo: 'so: ða 'flo: 'to·t ða 'ho·	
all	ba	11	pa	aw
almost	wa	all	c	law
always	ca	use	S	aw
awful	fa	11	r	aw
also	ta	ught	ja	w
auto	wa	rm	S	quaw
already	ha	wk	d:	raw
ought.	wa	alk	la	w

- 1. He caught the ball before it went over the wall.
- 2. Is it too warm to walk to the store this morning?
- 3. She taught her daughter to draw as soon as she could walk.
- 4. Was he an author before he became a lawyer?
- 5. The audience applauded the organist and his daughter.
- 1. hi 'ko t ða 'bo:l bi'fo:r it went 'ouva ða 'wo:l.
- 2. IZ It 'tu: 'wo:m tə 'wo·k tə ðə 'sto: ðis 'mo:niŋ?
- 3. Si 'to t 3 'do ta ta 'dro: az 'su:n az Si kad 'wo k.
- 4. waz i an 'o·θa bi'fo:r i bi'keim a 'loja?
- 5. či 'o:drans a'plo:drd či 'o:ganrst and rz 'do ta.

Diphthong oi (o1)

LESSON 36

The oi sound, as in oil, soil, toy, is produced by rounding the lips as for the \hat{o} sound in all, and quickly shifting to the position of the i sound, as in it.

oil- oilycoin- loinboy- joyoyster- ointmentnoise- poiseemploy- destroyoilcloth- oilskintoilerboilerannoy- enjoy

Repeat the following phrases smoothly.

boil the oysters 'boil di 'oistaz the noisy boys de 'noizi 'boiz enjoy the toys oil the coils 'oil de 'koilz the soiled toys de 'soild 'toiz join the envoy 'doin di 'envoi

boy oil coin oyster joy joint oily loyal toy boiler employ ointment oilcloth joyous destroy oilskin join enjoy oiliness toiler annoy oilstone appoint envoy

- 1. His employer was annoyed when he voiced his opinion.
- 2. Do you like your oysters boiled or broiled?
- 3. The coins made a noise as they dropped into the boiler.
- 4. Did the boy destroy his toys willfully?
- 5. The envoy joined his secretary and toiled with him.
- 1. hiz im'plois waz a'noid men i 'voist iz a'pinjan.
- 2. du ju laik jur 'pistez 'boild e 'broild?
- 3. de 'koinz'meid e 'noiz ez dei 'dropt inte de 'boile.
- 4. did ða 'boi dis'troi iz 'toiz 'wilfali?
- 5. Ši 'envoi 'd3oind iz 'sekrateri an 'toild wið im.

Consonant p (p)

The ϕ sound, as in ϕay , $sup \phi er$, reap, is produced by pressing the lips together, and then blowing them apart with an unvoiced sound.

pad - pat	simple - sample	sleep - slip
pen - pet	maple - dimple	deep - dip
pin - pit	supper - temper	reap - rip

In the following phrases, notice the difference between the sound of p when it is followed by a vowel; by a consonant.

peel the apple play the piano pay the peddler	'pi:l ôi 'æpl 'pler őa pr'æno 'per őa 'pedla	pack the peaches plan the party pick the pears	'pæk ða 'pi•tJiz 'plæn ða 'pa•ti 'pik ða 'pæaz
pair	aŗ	ple	ape
pain	ap	map	
pat	sa	deep	
part	m	aple	drop
play	te	mper	hope
pool	si	mple	jump
pen	su	pper	rip
pond	di	mple	soap

- 1. The maple leaves dropped into the pool.
- 2. Did they have potatoes and peas for supper?
- 3. Pauline lost her temper at the party.
- 4. Did the poet write a simple poem about peace?
- 5. The president planned his pleasure trip carefully.
- 1. ða 'meipļ 'li:vz 'dropt 'inta ða 'pu:l.
- 2. did dei 'hæv pa'teitoz an 'pi:z fa 'sapa?
- 3. po'li:n 'lo·st s 'temper et de 'pa·ti.
- 4. did de 'poit 'rait e 'simpl 'poim e'baut 'pies?
- 5. ða 'prezadant 'plænd ız 'ple3a 'trıp 'keafalı.

Consonant b (b)

LESSON 38

The b sound, as in buy, rabbit, cab, is produced by pressing the lips together and then blowing them apart with a voiced sound.

bad - bud
buy - beg
bed - bid

fable - table
barber - harbor
rob - mob
rib - bib

Watch the rhythm in the following sentences.

bounce the ball	'bauns ða 'bo:l	the broken box	de 'brouken 'boks
	'bata da 'bred	the rubber tube	ða 'raba 'tju:b
bind the book	'baind da 'buk	the marble tub	ða 'ma:bl 'tab

be	double	crib
been	elbow	mob
bear	lumber	stab
barn	liberty	rob
began	cabin	scrub
basket	member	knob
before	hobby	robe
because	robber	sob

- 1. She put the beans and the cabbage in the basket.
- 2. Do you believe everybody should have a hobby?
- 3. Every member of the basketball team doubled his efforts.
- 4. Did they capture the robber in the bank building?
- 5. She bruised her elbow on the curb when she fell.
- 1. Ji 'put ða 'bi:nz an ða 'kæbid3 in ða 'bæskit.
- 2. du ju bi'li:v 'evri bodi sud 'hæv a 'hobi?
- 3. 'evri 'membar av da 'bæskit bo:l 'ti:m 'dabld iz 'efats.
- 4. did dei 'kæptse de 'rober in de 'bænk 'bildin?
- 5. Ji 'bru:zd ər 'elbo pn ða 'ka:b men Ji 'fel.

Consonant m (m)

LESSON 39

The consonant m, as in man, hammer, hum, is produced by pressing the lips together and emitting a voiced sound through the nasal passages.

make - mail rumor - hammer roam - comb made - mate timber - lumber same - name mud - must humble - tumble some - thumb

move the map 'mu:v or mix the cement 'miks or more and more 'mo:r or	salment the middle man	ðə 'seim ðə 'midl ðə 'mein	meen
make	among		come
mad	empty		dream
made	made farmer		fame
me	damage		home
mine	remark		lame
match	woman		seem
mouse	lumber		them
map	grumble		name

- 1. He studied the road map before he made the mountain trip.
- 2. Does the middle man make all the money in modern business?
- 3. The humming bird made its home in the elm tree.
- 4. Which was more expensive, the ham or the mutton?
- 5. He could not remember his name or his home address.
- 1. hi 'stadid de 'roud 'meep bi'fo: hi 'meid de 'maunten 'trip.
- 2. daz őa 'midl 'mæn 'meik 'a:l őa 'manı in 'modan 'biznis?
- 3. 82 'hamın 'b3:d 'meid its 'houm in 81 'elm 'tri:.
- 4. Mits waz 'ma:r iks'pensiv, da 'hæm a da 'matn?
- 5. hi kud 'not ri'membar iz 'neim ar iz 'houm a'dres.

Consonant n (n)

LESSON 40

The consonant n, as in not, sunny, inn, is produced by pressing the tip of the tongue against the upper gum ridge and emitting a voiced sound through the nasal passages.

nail - namedinner - winnercan - rannight - knifemorning - awningfun - sunneck - netcanning - fanninghen - ten

Repeat the following phrases smoothly.

the canned nuts	ða 'kænd 'nats	a winning number	edman' nambe
the iron fence	ði 'arən 'fens		an 'ænamal 'ækt
the next night	ða 'nekst 'nait	a rainy morning	e 'reini 'mo:nin

name dinner chicken neat funny curtain net morning garden night raining heaven now window kitten number under train nose animal lemon knock many dozen

- 1. The noisy children were a great annoyance in the evening.
- 2. Why were the animals allowed to run in the garden?
- 3. The rain was coming in the open window.
- 4. How many dozen lemons did she buy for the punch?
- 5. She waited upon her aunt, morning, noon, and night.
- l. ða 'naizi 't∫ildran war a 'greit a'naians in ði 'i:vniŋ.
- 2.' mai wa či 'ænamalz a'laud ta 'ran in ča 'ga:dn?
- 3. de 'rein wez 'kamın in di 'oupen 'windo.
- 4. hau'meni 'dazn 'lemenz did si 'bai fe de 'pants?
- 5. Ii 'weitid a'pon ar 'ant, 'mo:nin, 'nu:n, an 'nait.

Diphthong ê (12)

The diphthong \hat{e}_i as in ear, weird, mere, is made up of the i sound, as in it, followed by the neutral vowel. This sound usually occurs in words which have the letter r in the spelling.

ear - earring	feared - neared	pier - deer
eardrum - eardrop	clearly - nearly	hear - clear
earache - earmuff	cheerless - fearless	rear - cheer

the clear fear on 'k' the near pier on 'n the rear gear on 'r	19 'pia near the rear	'tlia da 'pia 'nia da 'ria 'hia da 'tlia
ear eardrum earring earful earmuff earphone earache	clearly merely cheerless nearly reared cheerful dearly	dear fear gear hear pier mere near
eardrop	fearless	steer

- 1. She lost her earrings near the pier.
- 2. Was the rear gear broken or merely dirty?
- 3. The weary soldiers could not hear the cheers.
- 4. Did their fears disappear when the "all clear" was sounded?
- 5. They could hear weird noises in the clear air.
- 1. Si 'lo·st ar 'jarinz 'nia da 'pia.
- 2. waz ða 'rıa 'gıa 'browkan a 'mıalı 'da tı?
- 3. de 'wiri 'sould3ez kud 'not 'hie de 'tsiez.
- 4. did ðea 'fiaz ,disa'pia men ði " 'o:l 'klia " waz 'saundid?
- 5. dei kad 'hia 'wiad 'noiziz in da 'kliar 'ea.

Diphthong â (Ea)

LESSON 42

The â sound, as in air, rarely, prayer, is formed by raising the edges of the back and mid tongue toward the hard palate and then lowering it slightly. This sound usually occurs in words which have the letter r in the spelling.

air- airmandared- glaredwear- whereairship - heirloomspared- sharede'er- ne'erheir- heiressfairly- barelyspare- stair

	'wear an 'tea	a glaring flare	a 'glerin 'flea
share the pears	'fear an 'skwea 'Sea da 'peaz	a daring mare a wearing spare	e 'derin 'mea

air	scared	bare
airship	careful	care
airport	shared	dare
airplane	barely	fair
airman	glared	stair
heir	fairly	hair
heiress	spared	mare
heirloom	squarely	pair

- 1. She was upstairs waving her hair with great care.
- 2. What is Claire going to wear to the country fair?
- 3. A careful driver always keeps his car in repair.
- 4. Was the heir preparing for his air trip?
- 5. The carpet on the stairs was worn threadbare.
- 1. Ji waz ap'steaz 'weivin 3 'hea wið 'greit 'kea.
- 2. 'Apt IZ 'klee 'goin te 'wee te de 'kantri 'fee?
- 3. a 'keafal 'draivar 'o:lwiz 'ki·ps iz 'ka:r in ri'pea.
- 4. waz či 'sa pri'perin far iz 'sa 'trip?
- 5. ða 'ka pit on ða 'steaz waz 'wa:n 'Ored, bea.

LESSON 43

Diphthong oor (va)

The diphthong oor, as in poor and sure, is made up of the oo sound, as in foot, followed by the neutral vowel. In the words cure, pure, demure, procure, and secure, the diphthong is preceded by the y sound.

poor - moor tour - sure your - yours insure - assure conjure - allure procure - demure

Repeat the following phrases, noting the difference in the pronunciation of the oor and the ur sounds.

the poor tourist os 'pus 'turist tour the moor

a sure cure a 'Jua 'kjua a rural detour a 'rural 'di tua an alluring tour an a'lurin 'twa insure the poor in' sua da 'pua 'tua ða 'mua

boor moor tour your sure lure cure pure

assure conjure insure allure reassure secure procure demure

- 1. The tour over the moors was reassuring.
- 2. Did the poor man lose his insurance?
- 3. They were not sure about the rural detour.
- 4. Were the tourists sure they were being served poor food?
- 5. The boat was at the mooring when they returned from their tour.
- 1. da 'tur 'ouva da 'muaz waz ria' Jurin.
- 2. did da 'pua 'mæn 'lu:z iz in'surans?
- 3. čei wa 'not 'Jur a'baut ča 'rural 'di tua.
- 4. wa da 'turists 'Jua dei wa biin 'sa:vd 'pua 'fu:d?
- 5. da 'bout waz at da 'murin men dei ri'ta:nd fram dea 'tua.

Diphthong or (00)

LESSON 44

The diphthong or, as in oar and more, is made up of the o sound, as in all, followed by the neutral vowel. Words which may be pronounced with the diphthong, may also be pronounced with the pure vowel o, especially in connected speech.

oar - door four - more pour - soar seashore - restore ignore - before report - resort

Repeat the following phrases smoothly.

the worn floor do 'wo:n 'floo restore the oar ri'sto: di 'oo the short report do 'Joot ri'poot ignore the bore ig'no: do 'boo the restored door do ri'sto:d'doo more and more 'mo:r on 'moo

oar bore door four wore swore more pour restore
seashore
before
ignore
report
resort
import
export

- 1. She ignored his report on store conditions.
- 2. Did they add four more floors during the war?
- 3. She tore her dress on the door before she had worn it.
- 4. Do they close the store before four o'clock on Sundays?
- 5. She was such a bore that her friends ignored her more and more.
- 1. Ji ig'no:d iz ri'po·t on 'sto: kən'difənz.
- 2. did dei 'æd 'fo: 'mo: 'floez 'djurin de 'wo:?
- 3. Si 'to: he 'dres on de 'doe bi'fo: Si hed 'wo:n it.
- 4. du der 'klouz de 'stoe br'fo: 'fo:r e'klok on 'sandız?
- 5. Si waz 'sats a 'bo: dat a 'frendz ig'no:d a 'mo:r an 'moa.

Consnoant h (h)

LESSON 45

The h sound, as in hat and inhale, is produced by opening the mouth and emitting a breath of air.

hand - head hate - hail heat - heel ahead - behind
inhale - exhale
unhook - unhappy

Repeat the following phrases, paying particular attention to the h sound in the middle of words.

hale and hearty head of hair hold the handle 'heil an 'ha·ti 'hed av 'hæa 'hould öa 'hændl behind the house bi'haind oo 'haus hook and unhook 'huk and an'huk happy and unhappy 'hæpi and an'hæpi

hand head hat hold high heart hear perhaps
inhabit
boyhood
behave
rehearse
inherit
prohibit
childhood

- 1. Helen had to go home to get her hat.
- 2. Do they have to rehearse in the neighborhood playhouse?
- 3. She could hear the bees humming behind the hive.
- 4. How can you use the words anyhow and somehow in sentences?
- 5. The boyhood of Lincoln was one of hardship and poverty.
- 1. 'helan 'hæd ta 'gou 'houm ta 'get a 'hæt.
- 2. du dei 'hæf te ri'hs.s in de 'neibe, hud 'plei, haus?
- 3. Si kad 'hra da 'bi:z 'hamın bı'haınd da 'haıv.
- 4. hau kan ju 'ju:z da 'wa:dz 'eni,hau an 'sam,hau in 'sentansiz?
- 5. Ša 'boihud av 'linkan waz wan av 'ha:dlip an 'povati.

Consonant y (j)

LESSON 46

The y sound, as in yes and genius, is produced by raising the middle of the tongue toward the hard palate and uttering a voiced sound.

yard - yarn yes - yet yell - yelp onion - bullion stallion - million canyon - union

Repeat the following phrases smoothly.

year after year 'jıər 'æftə 'jıə a yearly yield ə 'jıəlı 'ji:ld yelling and yelping 'jelın ən 'jelpın a young yachtsman ə 'jʌn 'jotsmən yielding to youth 'ji:ldɪn tə 'ju·0 a yellow yawl ə 'jelo 'jɔ:l

yes
yet
you
yard
year
young
your
yellow

canyon genial onion million genius value familiar union

- 1. The young man knew the value of the yacht.
- 2. Did your brothers attend Yale University?
- 3. Bouillon cubes yield strength-giving values.
- 4. Did you buy your year's supply of yarn by the yard?
- 5. The Union was fined two million dollars last year.
- l. ða 'jan 'mæn 'nju: ða 'vælju av ða 'jot.
- 2. did jua 'braðaz a'tend 'jeil juna'va·sati?
- 3. buljon 'kju:bz 'ji:ld 'strenkθ 'givin 'væljuz.
- 4. did ju 'bai je 'jiez se'plai ev 'ja:n bai de 'ja:d?
- 5. ða 'ju:njan waz 'faind 'tu: 'miljan 'dolaz 'læst 'jia.

Vowel à (a)

The \dot{a} sound, as in ask, half, laugh, is halfway between the \ddot{a} sound, as in calm, and the \ddot{a} sound, as in at. To produce this sound, the middle of the tongue is slightly raised from the low \ddot{a} position, and the lips and teeth are not opened so widely.

ask - asking answer - answered after - afterward mask - task clasp - flask half - laugh

Repeat the following phrases smoothly.

pass the glass 'pas ðə 'glas ask the answer 'ask ði 'ansə plant the grass 'plant ðə 'gras

the last class on 'last 'klas half past four 'haf 'past 'for the grass basket on 'gras 'baskit

ask
after
aunt
answer
path
calf
class
glance

advantage laugh advance past cast branch vast task

- 1. It was half past four when the class left.
- 2. Why did he plant the grass in the path?
- 3. It was his task to drive the calf along the path.
- 4. Did her aunt take her to France last summer?
- 5. He who laughs last, laughs best.
- l. it waz 'haf 'past 'fo: men őa 'klas 'left.
- 2. 'mai did i 'plant őa 'gras in őa 'pa0?
- 3. it waz 'hiz 'task ta 'draiv δa 'kaf a'lo:ŋ δa 'paθ.
- 4. did or 'ant 'teik 3 to 'frans 'last 'samo?
- 5. 'hi hu 'lafs 'last, 'lafs 'best.

Vowel o (v)

The short o sound, as in odd and not, is a low back vowel. The tongue lies low with the back slightly raised and the and the lips are slightly rounded when producing this sound.

on - odd olive - object oxen - omelet box - rocks bond - fond nod - cod

Repeat the following phrases smoothly.

the frog pond os 'frog 'pond the long block os 'lo:n 'blok the odd box oi 'nd 'boks

lock the office ! drop the rock ! stop the clock !

'lok ði 'o'fis 'drop ða 'rok 'stop ða 'klok

on
odd
olive
operation
object
occupation
oxen
omelet

poppy bonnet dollar hominy jolly copper polish robber

- 1. The robber stole a thousand dollars and many odd objects.
- 2. Did they offer him a job at the main office?
- 3. They had orange juice, hominy, and codfish for breakfast.
- 4. Did they use copper polish on the college clock?
- 5. The boys had the frog locked in the box.
- l. δa 'roba 'stoul a 'θauzand 'dolaz an 'meni 'od 'obd3ikts.
- 2. did dei 'o·far im a 'd3pb at da 'mein' 'o·fis?
- 3. der had 'a:rind3 'd3u·s, 'homini, an 'kod,fis fa 'brekfast.
- 4. did dei 'ju:z 'kopa 'polis on da 'kolida 'klok?
- 5. ða 'borz had ða 'frog 'lokt in ða 'boks.

APPENDIX

STRESSED FORM(strong)

UNSTRESSED FORM (weak)

Spell- ing	Dictionary Marking	Phonetic Symbol	Key word in Context	Dictionary Marking	Phonetic Symbol	Key word in context
a	ā	eı	- Used for emphasis or in hesitation	n. å*	Э	A tall candle.
an	ăn	æn	- Used for emphasis or in hesitation	n. an*	ən	An army action
am	ăm	sem	- Yes, I am.	åm *	əm	I am going.
and	ănd	ænd	- And that is what I meant.	im and *	and	I'm going. You and I (Preceding vowels)
				ån*	ən	You and Gertrude (Preceding consonants)
				°nd °n	ņd ņ	Mary and I High and dry
are	är	a:(r	- No, they are not.	å(r)*	(L)e	They are going.
as	ăz	æz	- As to that, I can t say.	åz*	əz	He's as tall as his father.
at	ăt	æt	- What was he laughing at?	åt *	ət	Look at the sun.
be	bē	bi:	- Where will you be?	bĭ	bı	I shall be there.
but	bŭt	bat	- But, I am worried.	båt*	bət	Anything but that.
by	bī	bai	- What do you go by?	bå*	рэ	By the way. (Preceding consonants)
can	kan	kæn	- I think I can.	kån*	kən	I can see her.
				k*n	kņ	I can go.
could	kood	kud	- I would if I could.	kåd*	kəd	He could go if he wished
do	doo	du	- What shall I do?	d000	dσ	How do I go? (Preceding vowels)
				då*	də	How do they go? (Preceding consonants)
does	dŭz	daz	- Yes, he does.	dåz*	dəz	How does he do it?
for	fô	fo:(r	- What is this for?	få*	fə	She called for the book.
from	frŏm	faom	- Where did she come from?	fråm*	flam	She came from Cuba.
had	h ăd	hæd	- They gave what they had.	h å d* åd* 'd	had ad d	They had to leave. The boy had gone He'd gone.
				1 Class	accept 1	end rad bib .

^{*} See footnote - Page IX

APPENDIX

STRESSED FORM(strong)

UNSTRESSED FORM (weak)

Spell- ing	Dictionary Marking	Phonetic Symbol	그들은 점점 하는 아이를 하는 것이 되었다. 그 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은	Dictionary Marking	Phonetic Symbol	Key word in context
has	hăz	hæz	- Where has he gone?	ház* åz* 'z	həz əz z	He has gone to his room. The meeting has begun. John's been here.
				's	8	(after voiced sounds) Jack's been here.
have	hăv	hæv	- I do not have it.	hảv* ảv*	hav	(after unvoiced sounds) They have gone. He could have gone.
he	hē	hi:	- He is going.	'v hľ	v hi	I've finished. She said he was going.
			s New York	ē ĭ	i	They said he does. She says he does.
her	hûr		- I did see her.	hû, hå* å(r)*, û	ha ha	Her story was true. We met her there.
him	him hiz	him	- They told her, but not him.	ľ m ľz	IM IZ	We met him there.
his	intoo	hiz	It is not his.The house was broken into.	ĭntoo	Into	All his money was taken. They went into a store.
	AIILOO		The house was broken into.	ĭntå*	ıntə	(before vowels) He went into the house.
is	ĭz	IZ	- Yes, he is.	'z	Z	(before consonants) John's here.
				's	S	(after voiced sounds) Jack's not here.
me	mē	mi:	- He said to give it to me.	mē mĭ	mi mı	(after unvoiced sounds) You may come with me. Will you accompany me.
must	mŭst	mast	- But we must.	måst*	məst	You must be careful.
my	mī	mai	- This is my coat.	mī	mai	Don't mention my name. (shorter than stressed form)
nor	nôr	no:(r	- Nor do I.	nô(nà)*	no na	Neither this nor that.
of	ŏv	VO	- What of it!	åv*	ον	The end of the story
or	ôr	o:(r	- Or, maybe it is true.	ô(a)* . sha1*(sh'1)	o a	Five or six times
shall	shă1	[æ]	- I believe I shall.	'l she (shi)	Si Si	We shall go tomorrow. We'll go tomorrow.
she	shē . ∵ .	Ji:	- She wouldn't say.	shad*(sh'd)	led ld	He said she had left.
should	shood	Jud	- Why should I?	(31. 4)	ou ou	I should like to go.

^{*} See footnote - Page IX

APPENDIX

STRESSED FORM (strong)

UNSTRESSED FORM (weak)

Spell- ing	Dictionary Marking	Phonetic Symbol	Key word in context	Dictionary Marking	Phonetic Symbol	Key word in context
some	sŭm	SAM	- Some, but not all	såm*	səm	Have some candy.
such	sŭch	sats	- It was such a nice day.	såch*	səts	Why do you use such words?
than	th ă n	ðæn	- It is better than the other.	th ả n*	ðən	More than ever
that	th ă t	ðæt	- Do this that way.	th a t*	ðət	He said that he could.
the	the	ði:	- That is the solution.	thľ	ðī(ði	The only child
			(emphatic rarely used)	th a *	ðə	(before vowels) The book is on the table.
their	thâr	n)eső	- That is their affair.	thâ(r	r)eč	(before consonants) Their business failed.
them	thĕm	ðem	- Tell them what you think.	tham*	ðəm	Speak to them about it.
there	thâr	n)eső	- There she sat.	thâ(r, thả(r* ðe (r, ða (r	There were ten in all.
till	tľ1	til	- He waited till she came.	tĭ1(t'1)	trl(t]	Wait till tomorrow.
to	too	tu:	- To and fro	too	tu	Nothing to eat. (before vowels)
				tå*	tə	Nothing to wear (before consonants)
us	ŭs	AS	- Did you speak to us?	as*	98	They advised us to sell.
	and the	TERMS		's	S	Let's wait and see.
was	wŏz	WDZ	- He said it was.	waz*	Waz	He was there.
we	wē	wi:	- We simply couldn't go.	wē (wĭ)	wi,wi	See what we can do.
were	wûr	w3:	- There they were.	wå(r* (wû)	wə(r,wa	3 The children were gone.
what	hwŏt	MOT	- What did he say?	hwat*	Mat	They knew what they wanted.
where	hwâr	1)63M	- Where were you?	hwâ(r	me (r	Did she say where she went?
will	wĭ1	wil	- Yes, he will.	า	ļ	I'11 go.
would	wood	wud	- Yes, he would.	wåd* åd*	wad	He would go. It'd be different.
you	yōo	ju:	- It is up to you.	'd yoo	d ju	He'd go if he could. Go if you wish.
your	yŏor	juə(r	- Is this your book?	yoo(r, y å (r*jv(r,	Did you get your book?
					jə(r	•

^{*} See footnote - Page IX

NOTES to INSTRUCTOR or STUDENT

The PURPOSE of the SPEECHPHONE METHOD

The texts, American Speech Sounds and Rhythm, are lessons, written and recorded verbatim, for the express purpose of improving one's conversational speech. They are not meant to replace a speech textbook which treats all phases of voice and speech, but rather to supplement such a text. Practically all speech books covering theory and practice have drills on the various sounds, rhythm, intonation, breathing, relaxation, etc. The Speech-phone books stress pronunciation, sounds, rhythm, and intonation. The lessons are recorded with accurate timing so that the student may hear and repeat the exact pronunciation, as represented by the phonetic transcription which accompanies all phrases and sentences on each sound. In classes the books may be used to supplement the speech text and the records to act as the teacher's assistant, giving individual help where needed. The student may go into the school library and listen to the correct pattern as many times as he wishes. If he is using the records at home or in a private room where he does not have to use ear phones, he may repeat aloud after the recorder. If a tape recorder is available, he may check his pronunciation with that of the recorder.

VARIOUS TYPES of SPEECH

The recordings do not attempt to set up a model type of speech to be followed by all speakers, but rather to offer an acceptable pattern for those who wish to hear sounds spoken in one of a number of correct ways. Since recording complete books makes it necessary to use one's natural speech, the transcription conforms to the speaker's pattern. In cases where the pattern does not conform to the consensus of the first pronunciations of the four authorities used, a note has been added. Just as there is more than one pronunciation of many words in the regular school dictionary, so there are a number of acceptable sound pronunciations as used in various parts of the United States, the main divisions being Eastern, Southern, and Western. There are also other types within these general areas, as well as an overlapping of the areas themselves. The pronunciations are those which appear first in the majority of the sources listed below, and the pattern is that of E (Eastern Speech), as listed in the Pronouncing Dictionary of American English, by Kenyon and Knott.

Teachers using the text, with or without records, should feel free to acquaint the student with other pronunciations and rhythmic patterns. It will be noted that the weak forms of the same word may have a number of variations in the same lesson, depending upon the position in the sentence and upon the meaning to be conveyed.

The SPEECHPHONE MARKING SYSTEM

In the Speechphone Series, both the diacritical marks and phonetic symbols have been simplified so that even beginning students can understand and use them. Each of the forty-eight phonetic symbols, necessary to conversational American Speech, is presented with the corresponding diacritically marked equivalent as listed in the dictionary. The only phonetic modifiers used are those necessary to indicate the correct rhythm. The diphthongs $\delta \delta r$, as in δr , are included in Speechphone and are treated as separate lessons.

VARIATIONS IN REPRESENTATIONS of SYMBOLS:

NWD (New World)	ACD (American College)	NCD (New Collegiate)	K &K (Phonetic)	Speechphone
3 M - 7 A M	fosfaf bang 🔊 or elfocharmi ti	a or a	Sec. 1	å an
ŋ	ng	ng	ŋ	ng
ê	not listed in key (3	<u>च</u>	Ia	ê
a or a	a or a	à	а	å

- 1) See Table of Contents
- 2) Marks of length: Full length, two dots: before voiced consonants; half length, one dot before unvoiced consonants.

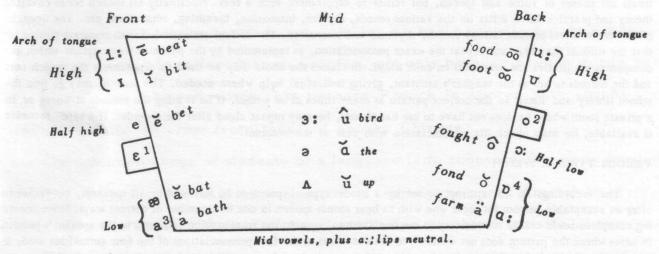
 Accent marks, primary and secondary.

Syllabic symbol under consonants m, n, and l, to indicate weakening which occurs only in unstressed syllables.

3) Represented by ir in text.

SOUND CHARTS

CHART of ENGLISH VOWELS



Front vowels; lips slightly spread.

Back vowels, except a:; lips rounded.

DIPHTHONGS

- 1) The ϵ symbol, of K&K, is the equivalent of the e or e of NWD, ACD, and NCD. Some authorities use this symbol only as the first element of the diphthong $\hat{a}(\epsilon)$; others, however, use it when they wish to indicate a slightly more lax sound than e, as in the ary (ϵri) ending for the words, secretary, necessary, and January.
- 2) The pure o, as in obey, is used in unstressed syllables, and as the first element of the diphthong \bar{o} (ov).
- 3) The intermediate, or one dot a is fast disappearing from American speech, and the New World and American College Dictionaries have omitted it entirely, giving a choice of a or a. For the sake of those speakers who wish to retain this sound, it is given the same space as the other forty seven sounds of this book. The only words which are transcribed with this sound in the other lessons, are the following: ask, aunt, calf, can't, half, laugh, after, answer, path, and master, the first six of which are given as first pronunciations by K&K (Eastern). The last four are listed as + pronunciations, which ".....is invariably to be read 'also'." (K&K note § 80)
- 4) With the exception of page 48 (Intermediate) and page 16 (Advanced) where the short o is discussed, the following words have been recorded as represented by the first pronunciation of NWD, ACD, NCD, (ô), and K&K, (3):

across, along, belong, catalogue, chocolate, cloth, coffee, cough, dog, gone, horrid, long, lost, oblong, off, offer, office, officer, often, orange, soft, torrid, water, wrong.

Exception-Page 5, Advanced Book-officer is recorded with second pronunciation, (O-D)

5) See note, page 33, Elementary and Intermediate; page 11, Advanced.

SOUND CHARTS

CHART of ENGLISH CONSONANTS

	E4 14 1235.0	Labial (lips)		Labio-Dental (lip-teeth)		Lingua - Dental (tongue - teeth				Velar (soft palate)		Glottal (larynx)
	3.4	Voice - less	Voiced	Voice- less	Voiced	Voice - less	Voiced	Voice- less	Voiced	Voice- less	Voiced	Voiceless
Stop-Plosives		р	ъ		0 18 9		imel III Ka i II	t	d	k	g	velo V
}	Nasal		m			E 59945		11812018	n	13 Territoria	ŋ	
	Lateral	escurson	eq salsi	in ans	sylv its	cway i	FIL 1097.3	E 85.398.0	1	E NEW DE		eGarrery
	Fricative		Name and	f	v	θ	ð	s-J	z-3-r	105700		h
G	lides	A	w		2378 J.L.	0 -6-14 12 -271		99 E810	j	to gain		
A	ffricatives	basic fac	Comb	ination	(two	conson	ants)	t∫	d3	ekuvan e	A 18	

Of the twenty-five phonetic consonant symbols represented in the chart above, sixteen are the same as the letters of our American alphabet and there are nine pairs of cognates (voiced and voiceless counterparts). Some authorities list ten, which would include the voiced h.

A stop-plosive consonant is one in which the air from the lungs is stopped momentarily in the mouth, and then quickly expelled by releasing the organs that had formed the closure. The first action is the stop, the second is the release which is called the plosive. When the unvoiced plosives, p, t, and k, and their voiced cognates, b, d, and g, are followed by another consonant, the plosive part is omitted. In all other positions, it is included.

A continuant is a sound which may be prolonged without any change in the quality. In this book, only fourteen of the fifteen consonant continuants are listed as the voiced h is not used in the text.

The nasal continuants, m, n, and ng (v), which are the only nasal sounds in English, are those in which the air is emitted through the nose.

The continuant 1, which is the only lateral sound in English, is one in which the air passes over the sides of the tongue because the tip is pressed against the upper gum ridge.

The fricative continuants are so called because, in producing them, the air has to be forced through a very narrow passageway, thus causing friction.

An affricative is a sound beginning with a stop and ending with a fricative. The affricatives considered here are ch(tI) and j(dI), the two which are used in this text.

The glides wh (M), w, and y (j), are so called because they glide smoothly into the following sound. They, therefore, never come at the end of a syllable.

DEFINITIONS*

PHONETICS: Phonetics is the scientific study and analysis of the sounds of a language, and their representation by written symbols.

DIACRITICAL MARK: a mark added to a letter to show pronunciation, etc. Examples: ä, ā, â, é. NWD

DIACRITICAL MARK, POINT, or SIGN: a mark, point, or sign added or attached to a letter or character to distinguish it from another similar form, to give it a particular phonetic value, to indicate stress, etc.

VOWEL: A vowel is a voiced sound in the articulation of which the outgoing breath is uninterrupted.

Vowel Length: A vowel may be long, half long, or short.

The long vowels are: $\ddot{a} - a$:; $\ddot{e} - i$:; $\ddot{oo} - u$:; $\hat{u} - 3$:; $\hat{o} - 3$:.

These vowels have full length (two dots) before a voiced consonant and half length (one dot) before an unvoiced consonant.

DIPHTHONG: A diphthong is a combination of two pure vowels in the same syllable, pronounced in such close proximity that they are heard as a single sound.

CONSONANT: A consonant is a sound in the articulation of which there is a full or partial stopping, and then a releasing of the breath stream. Examples: b, d, f, etc.

- 1) A voiced consonant is one in which there is a vibration of the vocal cords.
- 2) An unvoiced consonant is one in which there is no vibration of the vocal cords.

COGNATE: Cognate means related in origin. Cognate sounds are pairs of sounds which are produced in the same manner, except that one is voiced and the other is unvoiced.

The cognates in English are: p - b; t - d; k - g; f - v; s - z; sh - zh; ch - j; th - th; hw - w.

ASPIRATE: An aspirate is "a puff of unvoiced air before or after another sound, represented in many languages by h," ACD

Examples: ph, th, kh; unaspirated p, t, k,

SYLLABIC: designating a consonant that in itself forms a syllable with no appreciable vowel sound, as the l in little(lit'l). NWD

The syllabic sounds l, m, n, are indicated discritically by an apostrophe, and phonetically by a small vertical line under the letter. Examples as they appear in the various sources:

	NWD	ACD	NCD	K&K
vessel	ves '1	vĕs´ə1	vĕs´¹1	'vesl
chasm	kaz'm	kăz em	kăz'm	'kæzəm, 'kæzm
student	stoo d'nt	stu dənt	stu dent	'stjudnt

INTONATION: See page VIII

RHYTHM: See page IX

^{*} Only such definitions as are necessary references for Speechphone text are given here.