Phonetics is a branch of linguistics which studies speech sounds, wordstress and intonation. Phonetics studies the articulation and acoustic qualities of speech sounds, the physical characteristics and sound perception of stress and intonation, the lexical and grammatical role of phonemes, word stress and intonation.

## 1. THE ORGANS OF SPEECH

The organs of speech are divided into active and passive (movable and immovable).

The active organs of speech which take an active part in the production of speech sounds are called active.

The active organs of speech are:

- the vocal chords;
- the tongue;
- the soft palate with the uvula;
- the lips;
- the lower jaw.

The most movable organ of speech is the tongue. It is divided into the following parts:

- the tip of the tongue;
- the blade of the tongue;
- the front of the tongue;
- the back of the tongue;
- the root of the tongue.

The immovable organs of speech are called passive. They are:

- the upper jaw;
- the alveoli;
- the hard palate;
- the teeth.

Speech sounds are produced while exhaling. The air exhaled from the lungs passes through the bronchi, then through the windpipe and gets into the upper part of the windpipe which is called the larynx. The larynx is rather wide. It is made up of two main cartilages: the cricoid and the thyroid. Across the larynx there are movable cartilages called the vocal chords. Having passed the larynx the air passes through the pharynx and gets into the mouth and nasal cavity.

The following organs of speech participate in the formation of speech sounds:

- the tongue;
- the hard palate and the soft palate;
- the lips and the teeth.

Organs of Speech
Figure 1.


## 2. THE CLASSIFICATION OF SPEECH SOUNDS

The work of the speech organs necessary for making speech sounds is called articulation.

According to the presence or absence of the obstruction speech sounds are divided into vowels and consonants.

A VOWEL is a voiced sound produced in the mouth cavity with no obstruction to the air stream. The air stream is weak. The tongue and the vocal chords are tense. Vowels have no fixed place of articulation. In vowels voice prevails over noise. Vowels are syllable-forming sounds.

A CONSONANT is a sound produced with an obstruction to the air stream. The organs of speech are tense in the place of obstruction. Consonants are divided into voiced and voiceless. In the articulation of voiceless consonants the air stream is strong while in the articulation of voiced consonants it is weaker. The articulation of consonants can be localized. In consonants noise prevails over voice. Consonants aren't syllable-forming sounds.

Besides these two main types of speech sounds there is an intermediate type called sonants.

A SONANT has features common to both vowels and consonants. Like a consonant, a sonant is characterized by an obstruction and the concentration of muscular tension in the place of obstruction. But like in producing vowels, the air passage is wide. As a rule, sonants are not syllable-forming sounds but under certain conditions [m], [n], [1] become syllabic.

## 3. THE CLASSIFICATION OF VOWELS

Vowels are classified according to:

1. the position of the tongue;
2. the position of the lips;
3. the stability of articulation.
I. The tongue may move vertically and horizontally (forward and backward) and raise to different height.
4. According to the vertical movement of the tongue vowels are divided into:

- close: [i:], [u:], [1], [ $]$ ];
- open: [æ], [р], [ $\alpha:$ ], [ $\rho:]$;
- half-open: [e], [ $\Lambda$ ], [з:], [ə].

In pronouncing close vowels the tongue comes close to the palate.
In pronouncing open vowels the tongue is lowered and the air passage is wide.

In pronouncing half-open vowels the tongue is raised half-way to the palate:
2. According to the horizontal movement of the tongue vowels are divided into:

- front: [i:], [e], [æ];
- front-retracted: [1];
- mixed: [3:], [ə];
- back: [p], [จ:], [ $\alpha:]$, [u:];
- back-advanced: [ $\Lambda$ ], [ v$]$.

In pronouncing front vowels the front part of the tongue is raised in the direction of the hard palate.

In pronouncing front-retracted vowels the front part of the tongue is raised in the direction of the hard palate, but slightly retracted.

In pronouncing mixed vowels the tongue lies more or less flat.

In pronouncing back vowels the back of the tongue is raised in the direction of the soft palate.

In pronouncing back-advanced vowels the back of the tongue is raised in the direction of the soft palate, but somewhat advanced.
II. According to the position of the lips vowels can be:

- Labialized (rounded): [ $\mathrm{o}:],[\mathrm{p}]$, [u:], [ u ];
- Non-labialized (unrounded): [i:], [1], [e], [æ], [3:], [ə], [ $\alpha:],[\Lambda]$.

In pronouncing labialized vowels the lips are more or less rounded.
In pronouncing non-labialized vowels the lips may be either spread or neutral.
III. According to the stability of articulation vowels are divided into:

1) Monophthongs;
2) Diphthongs;
3) Triphthongs.

A monophthong is an unchanging vowel sound: [i:], [1], [e], [æ], [3:], [ə],


A diphthong is a complex sound consisting of two vowel elements pronounced so as to form a single syllable. The first element of an English diphthong is called the nucleus, it is a strong and clear sound. The second element is weak. It is called the glide.

There are 8 diphthongs in English:

- 3 with a glide toward [1] - [a1], [e1], [01];
- 3 with a glide toward [ə] - [1ə], [eə], [ v ];
- 2 with a glide toward $[\mathbf{\sigma}]-[a v],[3 v]$.

A triphthong is a complex sound consisting of three vowel elements pronounced so as to form two syllables. There are 2 triphthongs in English:
[a1ə], [avə].

Table 1. English vowel phonemes

|  |  | Front | Front retracted | Mixed | Back advanced | Back |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Close | Narrow variety | [i:] |  |  |  | [u:] |
|  | Wide variety |  | [1] |  | [v] |  |
| Halfopen | Narrow variety |  |  | [3:] |  |  |
|  | Wide variety | [e] |  | [ 2 ] | [ 1 ] |  |
| Open | Narrow variety |  |  |  |  | [0:] |
|  | Wide variety | [æ] |  |  |  | [D] [ $\alpha$ :] |

## 4. THE CLASSIFICATION OF CONSONANTS

Consonants are classified according to three principles:

- the active organs of speech forming the obstruction;
- the manner of producing noise;
- the work of the vocal chords.
I. According to the active organs of speech consonants are divided into 3 groups:

1. Labial;
2. Lingual;
3. Pharyngal.

Labial consonants are subdivided into:

- forelingual;
- mediolingual: [j];
- backlingual: [k], [g], [ p$]$.

Forelingual sounds are subdivided into:

- apical: [ $\theta$ ], [ ¢$]$, [t], [d], [n], [1], [s], [z], [ $]$ ], [3];
- dorsal: [ [t], [ [b];
- cacuminal: [r].

In pronouncing lingual consonants the obstruction is formed by the tongue.
In pronouncing forelingual consonants the obstruction is formed by the front of the tongue.

In pronouncing apical consonants the blade of the tongue is against the upper teeth or the alveoli.

In pronouncing dorsal consonants the blade or the front of the tongue is against the upper teeth.

A cacuminal sound is pronounced by the tip of the tongue.

In pronouncing mediolingual consonants the front of the tongue is raised towards the hard palate.

In pronouncing backlingual consonants the back of the tongue is raised towards the soft palate.
II. According to the manner of producing noise English consonants are divided into:

## 1. Occlusive;

## 2. Constrictive;

## 3. Affricates.

Occlusive consonants are subdivided into:

- plosives: [b], [p], [d], [t], [g], [k];
- occlusive sonants: [m], [n], [ n$]$.

In making occlusive consonants the active organs of speech form a complete obstruction.

In pronouncing plosives the active organs of speech form a complete obstruction which is suddenly broken by the pressure of the air stream.

In making occlusive sonants the active organs of speech form a complete obstruction, the mouth is blocked, the air passes through the nasal cavity, the soft palate is lowered.

Constrictive consonants are subdivided into:

- fricatives: [f], [v], [s], [z], [J], [了], [ $\theta],[\mathrm{d}],[\mathrm{h}]$;
- constrictive sonants: $[\mathrm{r}],[\mathrm{j}],[\mathrm{w}],[1]$.

In making constrictive consonants the active organs of speech do not block the air passage completely, but form a narrowing of the air passage.

In making fricatives the active organs of speech form a narrowing through the air passes with audible friction.

In pronouncing constrictive sonants the active organs of speech form a narrowing through which the air passes without audible friction.

Affricates are: [t] [ [d $]$.
In pronouncing affricates the active organs of speech form a complete obstruction at first and then they are slowly released, forming a narrow air passage.
III. According to the work of the vocal chords consonants are divided into:

- Voiced: [b], [d], [m], [w], [v], [n], [z], [ḑ], [ð], [3], [1], [r], [j], [g], [ 1 ];
- Voiceless: [p], [t], [f], [s], [f]], [日], [f], [k], [h].

In pronouncing voiceless consonants the vocal chords are not made to vibrate.

In pronouncing voiced consonants the vocal chords are made to vibrate.

# ENGLISH VOWEL PHONEMES IN DETAIL 

## Vowel phoneme [i:]

A long, non-labialized, front, closed monophthong. While pronouncing this sound the tongue is in the front part of the mouth. The tip of the tongue touches the lower teeth, the front of the tongue is raised towards the hard palate. The lips are slightly spread.

## Phonetic exercise 1

| i:v | fi: | di:n | di:1 | bi:st |
| :--- | :--- | :--- | :--- | :--- |
| i:tf | ki: | li:n | hi:l | fi:st |
| i:st | ni: | ki:n | mi:l | bi:tf |
| i:gl | hi: | si:n | si:l | ri:tf |
| i:gl | wi: | kwi:n | zi:l | ti:f |

## Phonetic exercise 2

| pi: | bi: | mi: | ti: | ni: | si: | li: | wi: |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| pi:l | bi:m | mi:n | ti:m | ni:l | si:m | li:v | wi:l |
| pi:z | bi:d | mi:d | ti:z | ni:d | si:d | li:d | wi:d |
| pi:t | bi:t | mi:t | ti: $\theta$ | ni:t | si:k | li:k | wi:p |

## Phonetic exercise 3

$$
\begin{array}{ll}
\text { bi: -- bi: -- bi:t } & \text { si: -- si:d - si:t } \\
\text { di: -- di:n -- di:p } & \text { li: -- li:g - li: } \\
\text { ni: -- ni:d - ni:t } & \text { i:v-'i:zı - i:t }
\end{array}
$$

## PROVERBS AND SAYINGS TO PRACTICE

1. A friend in need is a friend indeed.
2. Extremes meet.
3. Between the devil and the deep sea.
4. Please feel free to leave.
5. He speaks Chinese and Japanese with equal ease.

## Vowel phoneme [1]

A monophthong, front-retracted, close, short, non-labialized. In pronouncing this sound the tongue is in the front part of the mouth cavity. The front of the tongue is raised towards the hard palate. The tip of the tongue is at the lower teeth, the lips are slightly spread.

| Phonetic exercise 4 |  |  |  | Phonetic exercise 5 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 t | tıp | did | tig | 'dik1 | 'pıkıt | d $\mathbf{\prime}^{\prime}$ fit |
| If | dip | fid | tın | 'S1t1 | 'krıkıt | di'si:v |
| 11 | nıp | fil | tig | 'pig1 | 'flımzı | di'zist |
| 1 n | tıf | g1V | Sin | 'pitı | 'dımıtı | di'sizn |
| int 9 | kıs | lıV | rı1 | 'nıpı | 'dignitı | bi'gin |
| 1Z | lıp | tıl | S1n | 'prıkı | $\mathrm{fi}^{\prime} \mathrm{z} 1 \mathrm{l} \mathrm{n}$ | bı'dım |

Phonetic exercise 6

| dıd | s1t | 's1tı | 1t | s1t - s1d |
| :--- | :--- | :--- | :--- | :--- |
| dıg | nıt | 'kı11 | 1Z | dık - dıg |
| k1d | s1k | 'tıkıt | 1n | tık - tıg |
| sin | k1s | 'gıdı |  |  |

## PROVERBS AND SAYINGS TO PRACTICE

1. Sink or swim.
2. As fit as a fiddle.
3. Bit by bit.
4. Six little kittens lost their mittens.

It's a pity, they were so pretty.
5. Little Bill, sit still.

Will you sit still, little Bill?
If you sit still, little Bill,
Jimmy Nill will bring you to a big hill.

## Vowel phoneme [e]

A monophthong, front, half-open, short, non-labialized. In pronouncing this sound the tongue is in the front part of the mouth cavity. The front of the tongue is raised towards the hard palate. The tip of the tongue is at the lower teeth, the lips are slightly spread.

## Phonetic exercise 7

| eb | pet | sent | 'belı | 'pensl | rı'ses |
| :---: | :---: | :---: | :---: | :---: | :---: |
| eg | bed | send | 'tSerı | 'pelit | dis'pel |
| eft | red | nest | 'empt1 | 'pensiv | $1 \mathrm{n}^{\prime}$ dent |
| eld | let | best | 'enımı | 'prefis | bı'hest |
| end | leg | kwest |  |  |  |
| els | les | test | Phonetic exercise 9 |  |  |
| elk | hed | tes | pit - p | bid - | 'pens |
| eds | hem | tfek | pın-p | b1d - | 'tedı |

## Phonetic exercise 10

| ten | get | en | det - ded | sıt - set | 'bızı -- 'benı | gets |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| pen | pet | eg | bet - bed | bıt - bet | 'pıtı - betı | pets |
| men | net | et | set - sed | bıg -beg | 'mını - menı | bedz |
|  |  |  |  | dıd - ded |  | kıdz |

## PROVERBS AND SAYINGS TO PRACTICE

1. All is well that ends well.
2. East or West, home is best.
3. Get ten eggs ready for breakfast.
4. Every day in every way.

The weather is getting better and better.
5. Better late than never.
6. Health is above wealth

## Vowel phoneme [æ]

A non-labialized, tense, front, open, wide, short vowel. In pronouncing [æ] the tongue moves forward, the tip of the tongue is at the lower teeth. The front of the tongue is slightly raised to the palate. The jaw is lowered. The lips are spread.

|  | Phonetic exercise 11 |  |  | Phonetic exercise 12 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| æm | plæn | ræm | 1n'tækt | pæn | bæn | kæn | hæm |
| æd | plæd | ræn | r1'trækt | pæd | bæd | kæd | hæd |
| ænd | glæd | ræg | dis'bænd | pæt | bæt | kæt | hæt |
| ænt | græb | ræt | dis'pæt |  |  |  |  |
| æpt | sæd | ræp | 'pækıd3 | Phonetic exercise 13 |  |  |  |
| ækt | mæd | rænt | 'læmskın |  | fen - fæn |  | bek - bæk |
| æZ | fæg | læmp | 'hedlænd |  | men - mæn |  | sed - sæd |
| æ | læg | lænd | 'læmpblæk |  | mes - mæs |  | hed - hæd |
|  |  |  |  |  | beg - bæg |  | end - ænd |

## Phonetic exercise 14

| $1 æ b-1 æ p$ | æd | dıd - ded - dæd | pıt - pet - pæt | ə bıg bæg |
| :---: | :---: | :---: | :---: | :---: |
| kæb - kæp | æm | hıd - hed - hæd | tın - ten - tæn | ə blæk kæt |
| hæd - hæt | æt | sit - set -- sæt | pın-pen - pæn | get ðə mæps |

## PROVERBS AND SAYINGS TO PRACTICE

1. One man is no man.
2. A hungry man is an angry man.
3. He that hatches matches hatches cathes.
4. Once there was a lad

Who was always very sad,
For he hadn't any mother
And he hadn't any dad.
5. That's the man who sat on my hat in the tram.

## Vowel phoneme [ $\alpha$ :]

A long, non-labialized, open, back, wide monophthong. In pronouncing [ $\alpha$ :] the tongue is retracted from the lower teeth. The back part of the tongue is raised towards the soft palate. The jaw is lowered, the lips are neutral.

Phonetic exercise 15

| $\alpha$ : | p : k | p $\alpha$ : s | $\mathrm{b} \alpha$ : | k $\alpha$ : | $\mathrm{p} \alpha$ : | h $\alpha$ : |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\alpha: m$ | $\mathrm{m} \alpha$ :k | gra:s | ba:n | ka:m | $\mathrm{p} \alpha$ :m | ha:m |
| $\alpha: t$ | ba:d | gla:s | ba:d3 | $\mathrm{k} \alpha: \mathrm{d}$ | p : d | h $\alpha$ :v |
| $\alpha$ :sk | $1 \alpha: d$ | ba:sk | ba:k | ka:t | pa:t | ho:f |
| $\alpha$ :nt | k $\alpha$ :d | ma:sk |  |  |  |  |
| $\alpha: 15$ | ha:t | pa:t ${ }^{\text {f }}$ |  |  |  |  |
| $\alpha: k$ | k $\alpha$ :t | 10:d3 |  |  |  |  |

Phonetic exercise 17

| k $\alpha$ : -- k $\alpha$ :m - k $\alpha$ :t | $\alpha: m$ | ә fa: sta: |
| :---: | :---: | :---: |
| fa: -- fa:m - p $\alpha$ :t | $\alpha$ : | $\alpha$ :sk fa:ðə |
| ba: -- ba:d - ba:k | $\alpha$ :sk | ðә d $\alpha: \mathrm{k} \mathrm{g} \alpha$ :dn |

## PROVERBS AND SAYINGS TO PRACTICE

1. He laughs best who laughs last.
2. Cars can't be parked here after dark.
3. After a storm comes a calm.
4. Can't you ask Father or Aunt Margaret?
5. Half heart is no heart.

## Vowel phoneme [p]

A short, labialized, open, back, wide monophthong. I pronouncing [ p ] the tongue is retracted and lowered. The back of the tongue is raised towards the soft palate. The jaw is lowered, the lips are flat and slightly spread.

Phonetic exercise 18

| pf | fpks | ḑpb | npk |
| :--- | :--- | :--- | :--- |
| pv | bpks | mpb | mpk |
| pft | gpt | gpd | fpk |
| pn | dpt | npt | bps |
| ppt | ppt | kpd | mps |
| pd | lpt | spy | 'pfis |
| pks | hpt | lpy | 'pnist |

Phonetic exercise 19

$$
\begin{aligned}
& \mathrm{k} \alpha: \mathrm{d}-\mathrm{kpd} \\
& \mathrm{~d} \alpha: \mathrm{k} \mathrm{--} \mathrm{dpk} \\
& \mathrm{~d} \alpha: \mathrm{t} \mathrm{--} \mathrm{dpt} \\
& \mathrm{~g} \alpha: \mathrm{d}-\mathrm{gpd} \\
& \mathrm{~h} \alpha: \mathrm{d}-\mathrm{hpd} \\
& \mathrm{~h} \alpha: \mathrm{t} \mathrm{--} \mathrm{hpt} \\
& \mathrm{l} \alpha: \mathrm{k}-\mathrm{lpk}
\end{aligned}
$$

Phonetic exercise 20

| gpd -- gpt | Dn | ə dpg -- dpgz | ว bpks -- 'bvksız |
| :---: | :---: | :---: | :---: |
| npd -- not | pd | ə dpl -- dplz | ə fpks -- 'foksız |
| dpg -- dpk | 'pfo | ə kpk -- knks | $' \operatorname{mpd}(\mathrm{O}) \mathrm{n}$ 'npv( $)^{\prime} \mathrm{lz}$ |
| log -- lok | 'pksən | ə lpk -- loks | g1v 'pplı 'kplı |

## PROVERBS AND SAYINGS TO PRACTICE

1. Honesty is the best policy.
2. A little pot is soon hot.
3. Rod often got into hot water.
4. "What an odd clock," said Tom.
5. Molly's got a spot on her frock.
6. A watched pot never boils.

## Vowel phoneme [: $:$ ]

A long, tense, labialized, back, open vowel phoneme. In pronouncing [ 0 :] the back of the tongue is raised to the soft palate. The tongue is retracted. The lips are slightly rounded but not protruded.

Phonetic exercise 21
0:
o:b
o:t
po:
bo:
go:
so:
bo:l wo:d
bo:l wo:d
po:1 go:t
ho:1 so:t
po:
po:n
po:z
po:t

Phonetic exercise 22
ko:
ko:n
ko:d
ko:k

| ko: | lo: | ho: |
| :--- | :--- | :--- |
| ko:n | lo:n | ho:l |
| ko:d | lo:d | ho:d |
| ko:k | lo:s | ho:s |

Phonetic exercise 23

## Phonetic exercise 24

```
pvt -- po:t
knd -- ko:d
knk -- ko:k
ndt -- no:t
fos -- fo:s
fvt -- fo:t]]
mptl -- mo:tl
```


## PROVERBS AND SAYINGS TO PRACTICE

1. Velvet paws hide sharp claws.
2. New lords - new laws.
3. To talk to Mart is like talking to the wall.
4. George was born in August.
5. Of all the saws I ever saw, I never saw a saw as that saws.
6. I saw more than forty horses.
7. Her naughty daughter Maud is at fault.

## Vowel phoneme [ $\mathbf{\sigma}]$

A short, close, back-advanced, labialized, wide monophthong. In pronouncing $[\mho]$ the back of the tongue is raised to the palate. The tip of the tongue is retracted from the teeth. The lips are rounded but not protruded.

| Phonetic exercise 25 |  |  | Phonetic exercise 26 |  |
| :---: | :---: | :---: | :---: | :---: |
| pol | buk | 'polı | god | a gud buk |
| put | hok | 'pulit | kud | ə gud kuk |
| fot | tok | 'polpit | kvk | luk ət ðə buk |
| sot | kok | 'pudin |  |  |
| god | bof | 'pa:mfol |  |  |
| wod | pus | 'pændfol |  |  |
| hod | kod | 'ba:skıtful |  |  |

## PROVERS AND SAYINGS TO PRACTICE

1. How many cookies could a good cook cook

If a good cook could cook cookies?
A good cook could cook as much cookies as a good cook who could cook cookies.
2. The cook took a good look at the cookery book.
3. It' good he could go on foot.
4. A good beginning makes a good ending.

## Vowel phoneme [u:]

A long, close, back, labialized, narrow sound. In pronouncing [u:] the back of the tongue is raised in the direction of the soft palate. The tip of the tongue is retracted from the teeth. The distance between the jaws is narrow. The lips are rounded but not protruded.

## Phonetic exercise 27

| bu: | ku:1 | gu:s | ru:1 | mu:n | glu:m |
| :--- | :--- | :--- | :---: | :---: | :---: |
| ku: | ru:1 | lu:z | ru:d | mu:d | gru:v |
| mu: | pu:1 | mu:s | ru:t | mu:t | gru:p |
| nu: | su:n | su: $\theta$ |  |  |  |
| glu: | lu:n | smu: $\theta$ |  |  |  |

Phonetic exercise 28 mu:n glu:m gru:v
gru:p

Phonetic exercise 29
fut - fu:d pul-pu:l
kud-ku:t ful-fu:l
rom - ru:m pus - gu:s
hod - hu:t put-bu:t

Phonetic exercise 30

$$
\text { lu:z-lu:s } \quad \text { nju:, fju: } \quad \text { ju: } \alpha \text { : }
$$

mu:d - mu:t 'mju:zik ju: $\alpha$ : 'nnt
su:n - su:p 'mju:zikəl $\alpha$ : ju:
'stu:dənts ju: ' $\alpha: n t$

## PROVERS AND SAYINGS TO PRACTICE

1. The exception proves the rule.
2. Soon learnt soon forgotten.
3. Hugh's tooth is loose.
4. Sue is beautiful.
5. I'd like some fruit juice.

## Vowel phoneme [ 1 ]

A short, non-labialized, back-advanced, half-open, wide vowel. In pronouncing $[\Lambda]$ the tongue is raised to the roof of the mouth. The tip of the tongue is retracted from the lower teeth. The lips are neutral.

Phonetic exercise 31

| $\Lambda \mathrm{p}$ | $\mathrm{b} \wedge \mathrm{t}$ | bs 1 k | 'ın'æpt | $\mathrm{b} \alpha: \mathrm{k}-\mathrm{b} \mathrm{b}^{\text {k }}$ | bas -- bps |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\Lambda \mathrm{S}$ | b $\wedge$ s | bısk |  | b : $\mathrm{d}-\mathrm{b} \mathrm{b} \wedge \mathrm{d}$ | fa:s -- f $\wedge$ s |
| ${ }^{\prime} \mathrm{g} \mathrm{g}$ l | $\mathrm{g} \wedge \mathrm{n}$ | stımp | ' n 'fit | d $\alpha$ :k -- d $\lambda \mathrm{k}$ | $\mathrm{d} \wedge \mathrm{g}-\mathrm{-dpg}$ |
| 'ıdə | k $\lambda$ t | tısk | 'nn'pin | p : k -- pık | h $4 \mathrm{t}-\mathrm{hbt}$ |
| '^ðə | $\mathrm{k} \wedge \mathrm{m}$ | ḋs ${ }^{\text {mp }}$ | ' $n$ n'nit | ma : $\mathrm{k}-\mathrm{msk}$ | $1 \Lambda \mathrm{~g}-\mathrm{l} \log$ |
| 'ındə | S $\wedge$ m | ri'zalt | 'nn'lıyk | k $\alpha$ :d -- k^d | kлd -- knd |
| 'ıŋkl | k^p | 1n'sslt | ' $\mathrm{n}^{\prime}$ 'l3:n | t $\alpha$ : $\mathrm{m}-\mathrm{t}$ ¢ $\Lambda \mathrm{m}$ | $\int \Lambda \mathrm{k}-\mathrm{fvk}$ |

## Phonetic exercise 33




$t \wedge y \quad$ h $\Delta t \quad$ evrı 'kıntrı hæz its 'kıstəmz

PROVERS AND SAYINGS TO PRACTICE

1. Every country has its custom.
2. Don't trouble trouble until trouble troubles you.
3. When your work's done, come in the sun and have some fun.
4. Some love onions for lunch and supper, but when one has stuffed oneself with onions, one isn't loved much, is one?
5. If you're keen on stunning kites and cunning stunts, buy a cunning stunning stunt kite.

## Vowel phoneme [3:]

A long, half-open, mixed, non-labialized, narrow variety, monophthong. In pronouncing [3:] the tongue is in the middle part of the mouth cavity. It is slightly raised. The tip is at the lower teeth. The jaw is slightly lowered. The lips are neutral.

Phonetic exercise 34

| 3: | b3: | k3:b | w3:d | f3: | b3: | p3: | S3: |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3:k | f3: | k3:1 | W3:m | f3:m | b3:d | p3:1 | s3:ff |
| 3:n | h3: | g3:1 | w3:1 | f3:st | b3: $\theta$ | p3:s | s3:d3 |
| 3: 0 | p3: | p3:m | w3:k | Phonetic exercise 36 |  |  |  |
| 3:d3 | S3: | b3:n | w3:ld | s3: | : -- s3 | 3: | ¢ '3: |
| 3:1 | W3: | h3:d | w3: $\theta$ | f3: -- | -- n3: | '3:11 | f3:st |
| '3:11 | sp3: | b3:d | W3:S | b3: -- b | -- b3 | 3: 0 | Ө3:tı |

## PROVERS AND SAYINGS TO PRACTICE

1. It's an early bird that catches the warm.
2. As is the workman so is the work.
3. First come first served.
4. The first word is a verb and the third word is an adverb.

## Vowel phoneme [ə]

A short, non-labialized, mixed, half-open monophthong of the wide variety. In pronouncing [ $\partial$ ] the position of the tongue and lips resembles that of [3:], but the tongue is lower. The lips are neutral.

Phonetic exercise 37

| 'hæmə | 'hæməz |
| :--- | :--- |
| 'rivə | 'rıvəz |
| 'kwivə | 'kwivəz |
| 'ba:bə | 'ba:bəz |
| 'pætə | 'pætəz |
| 'po:tə | 'po:təz |
| 'pi:pə | 'pi:pəz |

Phonetic exercise 38

| pə'sıfik | ə 'bæg |
| :--- | :--- |
| pə'si:v | $\partial$ 'net |
| pə'sent | $\partial{ }^{\prime}$ tıp |
| pə'fo:m | $\partial{ }^{\prime}$ 'si:t |

pə'mıt $\quad$ 'plæn
la'gu:n
lo'ment

○ 'bpks
ə 'fっ:k

## ENGLISH DIPHTHONGS

## Phonemes［เə］，［モə］，［шә］

Phoneme［ $1 ə$ ］．The English diphthong［ $1 \circ$ ］starts as a short non－labialized front retracted close vowel［1］and immediately proceeds in the direction of［ə］．

Phoneme［ $\varepsilon \boldsymbol{\square}$ ］．The English diphthong［ $\varepsilon ə$ ］starts as［ $\varepsilon$ ］，a short，non－ labialized，front，half－open vowel of wide variety，somewhat wider than the English［e］，and immediately proceeds in the direction of［ə］．The lips are slightly spread for the nucleus and move to neutral position during the glide．

Phoneme［⿰訁ə］．The English diphthong［uə］starts as a short labialized back－ gadvanced close vowel［ v$]$ and immediately proceeds in the direction of the English［ə］．In pronouncing the nucleus of the diphthong［uə］the lips are slightly rounded．Un pronouncing the glide the lips become neutral，the distance between them somewhat increases．

| Phonetic exercise 39 |  |  | Phonetic exercise 40 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| p12 | рєə | рひə | dı | beə | рひə |
| dio | reə | bЈə | n12 | ðєə | ऽuo |
| kw1ə | ¢¢ | moə | hı | heə | ＇juərəp |
| Sn19 | $\int \varepsilon ว$ | too |  | ＇peərənts | ＇ju：3vəlı |
| pıes | le | ऽuo |  |  |  |
| rıal | rıal | ＇juərəp | ＇weə | عər1 |  |
|  |  |  | ＇wとว |  |  |
|  |  |  | ＇wnt | in ðə＇bæ |  |
|  |  |  | ＇wnt | p ðə＇才¢ə |  |

## PROVERS AND SAYINGS TO PRACTICE

1．Near an ear，a nearer ear，a nearly eerie ear．

Phoneme [er]. The English diphthong [er] starts as a short non-labialized front, half open vowel [e] and immediately proceeds in the direction of [1]. In the pronouncing the English $[\mathrm{er}]$ the lips are spread for the nucleus and move to a more close position during the glide. The distance between the jaws, which is rather wide at the beginning of the articulation , becomes narrower during the glide.

Phoneme [ar]. The English diphthong [a1] begins as [a], a short nonlabialized front retracted open vowel, and immediately proceeds in the direction of the English [1]. The lips are neutral. The distance between the jaws, which is rather wide at the beginning of the articulation , becomes narrower during the glide.

Phoneme [ $\mathbf{1}$ ]. The English diphthong [ m ] begins as short, labialized, back, open vowel, resembling the English [p], but more advanced and close, and immediately proceeds in the direction of [1]. In pronouncing the nucleus the lips are slightly rounded and not at all protruded.

Phonetic exercise 41
eım -- 'peıpә
eıd -- 'beıkə
elt -- 'weita
ell -- 'verkənt
leım -- 'peıvmət
peın -- 're1weı
teık -- 'reıdı3

Phonetic exercise 42
a1 -- pap
a1s -- kait
ardl -- bait
pa1 -- parl
ba1 -- taim soil point
taim -- nain toıl dzont
laı -- naıs spoıl ə'pont

Phonetic exercise 43
bo1 no1z
ḑan poiz
oll holst
kon moist

## PROVERS AND SAYINGS TO PRACTICE

Why do you cry, Willy?
Why do you cry?
Why, Willy? Why, Willy? Why, Willy? Why?

Phonemes [30], [av]
Phoneme [30]. The English diphthong [зб] begins as [3], a short, nonlabialized, front, half-open vowel of wide variety, somewhat wider than the English [e], and immediately proceeds in the direction of the English [u]. In pronouncing the English [ 30 ] the lips start from a slight rounding and rather a large opening. At the end of the articulation the lips are considerably rounded, forming a rather small oval opening.

Phoneme [ao]. The English diphthong [a1] begins as the front open [a] and proceeds in the direction of the English [ $\cup$ ]. The lips are neutral. The tongue moves forward, the tip of the tongue comes close to the front lower teeth.

| Phonetic exercise 44 |  | Phonetic exercise 45 |  | Phonetic exercis |
| :---: | :---: | :---: | :---: | :---: |
| g30 | b3uld | bau | daut | b3u -- bav |
| g30 | gauld | kav | flaut | nзu -- nav |
| J30 | k3uld | sav | staut | nзon -- naun |
| 30n | hzuld | rav | ravt | tson -- taun |
| lзon | tzuld | braun | dravt | kr3on -- kraun |
| mzun | ssuld | taun | saun | 3ut -- aut |
| gr3on | sk3uld | paund | mave | flust -- flaut |
|  |  |  |  | g3ut -- gavt |

## PROVERS AND SAYINGS TO PRACTICE

1. Oh, no, don't go home alone, nobody knows how lonely the road is.
2. Soames never boasts of what he knows.

But Rose never knows of what she boasts.
3. As you sow you shall mow.
4. Little strokes fell great oakes.

## Sound combinatios [aəə], [avə]

The so-called "triphthongs" [avə], [aıə] are combinations of a diphthong and the neutral [ə].

## Phonetic exercise 47

| faıə waıə | $\begin{aligned} & \text { avo } \\ & \text { favo } \end{aligned}$ | ðદər a' 'flauəz ənd 'flavəz 'evrıwદə <br> taid -- 'taırd |
| :---: | :---: | :---: |
| taird | tave | laın -- 'laıən |
| laı | pavo | kwait -- 'kwarət |
|  |  | 'aulənd -- 'aıələnd |

Table 2.

## English diphthongs

| Nucleus <br> Glide | Front | Back |
| :---: | :---: | :---: |
| 1-glide diphthongs (front) | e1, al | 01 |
| ə-glide diphthongs (centering) | $19, \varepsilon ə$ | ขə |
| v-glide diphthongs <br> (back) | av | 30 |

## ENGLISH CONSONANT PHONEMES IN DETAIL

## Consonant phonemes [p],[b]

Bilabial, occlusive, plosive consonants. [p] is voiceless, [b] is voiced. In pronouncing these sounds the lips form the complete obstruction. The soft palate is raised and the air passes through the mouth cavity. [p] is pronounced with aspiration.

Phonetic exercise 48
$\downarrow$ pip bi
pa1 bi:m
paip be
pep be
pi:p 'berb
pi: ba:m
pa: bımp
pımp ba:
pə'pa: bpm

Phonetic exercise 49
$\rightarrow$ pi: bi:
pi:p bi:m
pen ben
pæk bæk
pig big
po:t bo:t
'hæpı '§æbı
kıp kıb
kæp kæb

PROVERS AND SAYINGS TO PRACTICE

1. Peter Piper picked a peck of pickled peppers,

A peck of pickled peppers Peter Piper picked.
If Peter Piper pa peck of pickled peppers,
Where's the peck of pickled peppers Peter Piper picked.
2. Betty Botter bought some butter, but she said "this butter's bitter!
But a bit of better butter
will but make my butter better"
So she bought some better butter, better than the bitter butter, and it made her butter better so 'twas better Betty Botter bought a bit of better butter!

## Consonant phoneme [m]

A bilabial, occlusive, nasal sonant. In pronouncing this sound lips form a complete obstruction and the air passes through the nasal cavity. The lips are more spread than in Ukrainian.

Phonetic exercise 50

| mi: | mı | maıə | meı | mæp | mpb | mə: | mзv |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| m\&ə | mæn | maınd | 'menı | mılk | maıld | mi:t | 'm $n 1$ |

Phonetic exercise 51

| 'sæmən | mætf | 'mınıt | 'mju:zı | 'ma:stə | 'mını |
| :--- | :--- | :--- | :--- | :--- | :--- |
| si:m | mə'fi:n | 'm^ndı | 'meıkı | 'mætə | 'm^ŋkı |
| meıd | 'mıðə | 'ma:kıt | 'mænıd | 'mi:tı | 'mprəl |
| 'fæmılı | 'mpdən | 'mædık | 'mænə | 'membə | 'mıtə |

## PROVERS AND SAYINGS TO PRACTICE

1. Many men many minds.
2. Men may meet but mountains never.
3. Mary Mac's mother's making Mary Mac marry me.

My mother's making me marry Mary Mac.
Will I always be so Merry when Mary's taking care of me?
Will I always be so merry when I marry Mary Mac?
4. Mommy made me eat my M\&Ms.
5. The murmur of the bees in the elms brings back memories of many memorable summer.
6. Some men may make many mistakes in Mathematics.
7. Since time immemorial the moon has moved men to make poems.

## Consonant phoneme [w]

A bilabial, constrictive, central sonant. In pronouncing [w] the lips are protruded and rounded. The tip of the tongue is retracted from the lower teeth. The back of the tongue is raised towards the soft palate. The soft palate is raised. The vocal chords are in vibration.

## Phonetic exercise 52

| wi:p | wa1 | wo: | kwik | kw1z | 'kworəl |
| :--- | :--- | :--- | :--- | :--- | :--- |
| w1m | wa1p | wo:m | kwel | kwit | 'kwolitı |
| w1p | weə | wo:n | kwi:n | kwa1t | 'kwDntıtı |
| web | wa1ə | w30 | kwe11 | kwa1ət | 'kwolıfa1 |

## Phonetic exercise 53

| wi: | 'winto | wi ${ }^{\text {a }}$ | 'wpts ðə 'mætə |
| :---: | :---: | :---: | :---: |
| wel | 'wind3u | wi' a: 'ndt | 'wen 1 z hi ' 'bızı |
| wa1 | wnnt | 'a: wi | 'wa1 'ıznt ðə 'wo:tə 'wo:m |

## PROVERS AND SAYINGS TO PRACTICE

1. Where's a will, there's a way.
2. When the wine is in, the wit is out.
3. William was not very willing to wait.
4. No sweet without sweat.
5. Which word would one want if one wanted a word?
6. It was a pleasure to watch the wonderful way in which they worked.
7. "What", "why", "when" and "where" are the words we require quite often when we want to ask questions.

## Consonant phonemes [f], [v]

Labio-dental, constrictive fricatives. [f] is voiceless, [v] is voiced. In pronouncing these sounds the lower lip is raised to the upper teeth. The air passes through the narrowing formed between the lower lip and the upper teeth. The air passes through this narrowing producing audible friction.

## Phonetic exercise 54

Phonetic exercise 55
Phonetic exercise 56

| fıb | fo: | væmp | 'bi:və | bif -- i:v |
| :---: | :---: | :---: | :---: | :---: |
| f10 | fっ:m | vav | 'vi:və | bi:f -- wi:v |
| fa: | f3u | vju: | 'fi:ve | b^f -- wavv |
| fa:m | f3: | V12 | 'vaipo | mıf -- mu:v |
| $\mathrm{f} \varepsilon \boldsymbol{\square}$ | f3:m | v3:b | 'fervo | wu:v -- v3:v |
| ferm | f3om | v3:V | 'bevı | faif -- faiv |

## PROVERS AND SAYINGS TO PRACTICE

1. Far from eyes, far from heart.
2. Fortunes favours the brave.
3. From the frying-pan into the fire.
4. Fight fire with fire.
5. Four furious friends fought for the phone.
6. Fresh French fried fly fritters.
7. A fly and flea flew into a flue, said the fly to the flea 'what shall we do?' 'let us fly' said the flea said the fly 'shall we flee' so they flew through a flaw in the flue.

## Consonant phonemes [t], [d]

Forelingual, apical, alveolar, occlusive, plosive consonants. [t] is voiceless, [d] is voiced. In pronouncing these sounds the tip of the tongue touches the alveoli forming a complete obstruction. Then the tension is released and the air compressed in the mouth cavity breaks the obstruction with explosion. [k] is pronounced with aspiration before stressed vowels.

Phonetic exercise 57

| ti: | ti:m | ta1m | 'ta:tə |
| :--- | :--- | :--- | :--- |
| ta1 | taim | te1m | 'tetə |
| ta: | t3:m | te1p | 'mætə |
| to: | top | to1 | 'betə |
| t3u | tju:b | tav | 'pætə |

Phonetic exercise 59

| daı | di:m | deə | dı'fi:t |
| :--- | :--- | :--- | :--- |
| de1 | di:p | dıə | dı'fend |
| dæn | do: | d3:t | d''faın |
| dæmp | d3um | davt | dı'fo:m |

Phonetic exercise 58
pit -- pi:t -- pet
bıt -- bi:t -- bæt
fit -- fi:t -- fæt
wit -- wi:t -- wet

Phonetic exercise 60

| ted | pæd | 'splıd |
| :--- | :--- | :--- |
| tend | mæd | 'mo:bıd |
| taid | bæd | 'tımıd |
| tod | feid | 'fprid |

Phonetic exercise 61

$$
\begin{array}{ll}
\text { bit -- bid } & \text { fit -- fid } \\
\text { bi:t -- bi:d } & \text { fi:t -- fi:d } \\
\text { wi:t -- wi:d } & \text { twi:t -- twi:d } \\
\text { wet -- wed } & \text { bæt -- bæd }
\end{array}
$$

## PROVERS AND SAYINGS TO PRACTICE

1. Take care of the pence and the pounds will take care of themselves.
2. To tell tales out of school.
3. A good dog deserves a good bone.
4. Put two and two together.

## Consonant phoneme [n]

A forelingual, apical, occlusive nasal sonant. In pronouncing [n] the tip of the tongue touches the alveoli but the soft palate is lowered and the air passes through the nasal cavity.

Phonetic exercise 62

| nıp | nait | pin | meidn | pætn | wepn |
| :--- | :--- | :--- | :--- | :--- | :--- |
| næp | nain | tın | ga:dn | bætn | 3vpn |
| ni:p | nıt | win | pa:dn | b 1 tn |  |
| ni:t | npt | di:n | b3:dn | mstn |  |
| ni:d | nvd | ten |  |  |  |
| nı | n3vt | f^n |  |  |  |

## Phonetic exercise 64

| 'nıtın 'ni:dlz | ə 'tın 'kæn |
| :--- | :--- |
| ə 'na1s 'neklıs | ə 'faın 'laın |
| 'ni:t 'næpkıŋz |  |

## PROVERS AND SAYINGS TO PRACTICE

1. Many men many minds.
2. Men may meet but mountains never.
3. Can you can a can as a canner can can a can?
4. Seventy seven benevolent elephants.
5. Ann and Andy's anniversary is in April.
6. The rain in Spain falls mainly on the plains.
7. That fine bunch of bananas will make a nice snack for noon.
8. There's no news of Annie.

## Consonant phonemes [s], [z]

Forelingual, apical , alveolar, constrictive fricative consonants. [s] is voiceless, [z] is voiced. In pronouncing these sounds the blade of the tongue is raised towards the alveoli. The narrowing is formed between the tip of the tongue and the alveoli. The air passes through the narrowing with friction.

Phonetic exercise 65

| si: | snæp | bıs | best |
| :--- | :--- | :--- | :--- |
| si:t | snıf | bps | nest |
| si:d | smait | feis | fa:st |
| si:m | snpb | si:s | fi:st |
| se1v | sppt | vais | æks |
| se1n | spo:t | ni:s | pks |
| sain | sma:t | na1s | bpks |
| sait | sta:t |  |  |
| s3:v | sw1m |  |  |

Phonetic exercise 66

| Z3Un | 1Z | di'zist |
| :---: | :---: | :---: |
| zu:m | W1Z | d1'z3:V |
| zest | wa1z | d1'z3:t |
| zju:s | əd'va1s | dı'zaın |
| 'zıbu: | Sa1z | di'zaıə |
| 'zıbıt | no1z | dı'vaız |

Phonetic exercise 67

| bi:mz | si:z | bæks -- bægz |
| :--- | :--- | :--- |
| ni:z | ni:dz | bets -- bedz |
| di:nz | mi:nz | si:ts -- si:ds |
| t3:mz | balz |  |
| tju:bz | traiz |  |
| tolz | dı'fanz |  |
| do:z | dı'pendz |  |
| webz | dı'sendz |  |

## PROVERS AND SAYINGS TO PRACTICE

1. Slow and steady wins the race.
2. Speech is silver but silence is gold.
3. As sure as eggs are eggs.

Forelingual, apical, interdental, constrictive fricative consonants. [ $\theta$ ] is voiceless, [ $\varnothing]$ is voiced. In pronouncing these sounds the blade of the tongue is flat and not tense. The tip of the tongue is between the upper and lower teeth.

Phonetic exercise 68 Phonetic exercise 69 Phonetic exercise 70

```
ta1 -- sa1 -- 0a1
tin -- sin -- O1n
t1k -- s1k -- 01k
t1l -- s1l -- Өrıl
t1:m -- si:m -- Өi:m
t0:t -- so:t -- 00:t
```

Phonetic exercise 71
ððð1s -- Ø1s
ððði: -- ði:
ðððæt -- ðæt
ðððеm -- ðеm
ðððеn -- ðen
Phonetic exercise 72

| $\theta \mathrm{i}: \mathrm{m}$ | ði: | p1 $\theta$ | pa: $\theta$ | wið |
| :---: | :---: | :---: | :---: | :---: |
| $\theta \mathrm{a}$ | ðе1 | kı $\theta$ | n๑: $\theta$ | taıdð |
| $\theta$ nn | ðеm | $\operatorname{smı} \theta$ | $\operatorname{mp} \theta$ | bu:ð |
| Ө3:d | ðæn | ti: $\theta$ | tu: $\theta$ | su:ð |
| Ө0:n | ðæt | dep $\theta$ | $\operatorname{mav} \theta$ | smu:ð |
| $\theta 0$ : | ð$\varepsilon ə$ | la:f | $\operatorname{sav} \theta$ | beıð |
| $\theta \Lambda \mathrm{m}$ | ðлs |  |  |  |

## PROVERS AND SAYINGS TO PRACTICE

1. Wealth is nothing without health.
2. Birds of a feather flock together.
3. The third Thursday of this month is the sixteenth.
4. Thirty-three thousand three hundred and thirty-three.
5. These are three brothers, these are their father and mother, this is their other brother.
6. First think then speak.

## Consonant phonemes [J], [3]

Forelingual, apical, constrictive, fricative consonants. [J] is voiceless, [3] is voiced. In pronouncing [J] and [3] the lips are slightly pushed forward and form an oval opening. The tongue is raised. A narrowing of the air-passage is formed between the tip of the tongue and the hard palate is rather narrow.

Care should be taken not to soften the English [J], [3] too much, that is to avoid a too high position of the front of the tongue.

Phonetic exercise 74

| fain | fi 5 | 'pæfn | '3a:nda:m | fi: | fæl | fi' '1z |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Serm | dif | 'po: fn | 'meza | fij | 'finis | $\int_{1}{ }^{\prime} \mathrm{iznt}$ |
| Serp | smif | pa:'tifn | vı3n | 'me3a | 'pleza | fi 1 z n'ndt |
| fa:p | mes | fi'zifn | di'vizn | di'vizn | di'sizn | 'iz fio |
| Ji:p | $\mathrm{ma} /$ | pa'zın | 'pleza |  |  |  |
| fo:t | tAS | 'pa: $\int \mathfrak{l}$ | re'zi:m |  |  |  |
| fot | puf | ${ }^{\prime} \mathrm{fi} 1$ al | ru:3 |  |  |  |

## PROVERS AND SAYINGS TO PRACTICE

1. She sells sea-shells on the sea-shore.

The shells she sells are sea-shells, I am sure.
2. Eat at pleasure, drink with measure.
3. I wish to wish the wish you wish to wish, but if you wish the wish the witch wishes, I won't wish the wish you wish to wish.
4. I wish to wash my Irish wristwatch.
5. Casual clothes are provisional for leisurely trips across Asia.
6. She said she should sit.

## Consonant phonemes [tf], [d\}]

Forelingual, dorsal, back, alveolar affricates. Sound [ $t$ ] is voiceless, [ d$]$ ] is voiceless. In pronouncing these sounds the front of the tongue is raised to the hard palate. The tip of the tongue touches the alveoli. These sounds start with a complete obstruction followed by a slow release which results in the formation of a narrow air passage.

Phonetic exercise 76

| ti:f | tæp | $11^{5}$ | fetf | dserp | d30b | elds |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ti: | fop | bit ${ }^{5}$ | bæt ${ }^{\text {d }}$ | dend | dgnt | peids |
| fii:p | 150: | dit ${ }^{\text {f }}$ | mæt | ḑæm | djoin | weds |
| tfi:k | to:k | fit ${ }^{\text {d }}$ | pæt | d弓æz | ḑo: | bæds |
| tfi:z | tfa:m | pit ${ }^{5}$ | mat ${ }^{\text {d }}$ | djast | dja: | bıds |
| terz | ¢ ¢ $¢$ | swit ${ }^{\text {d }}$ | tat ${ }^{\text {d }}$ | dj^mp | ḑo:n | dj^dJ |
| tean | 'fanə | twif ${ }^{\text {d }}$ | wotf |  |  |  |

Phonetic exercise 78

| fætS | test | 'dzesttyo | eds | djoin |
| :---: | :---: | :---: | :---: | :---: |
| kæt ${ }^{\text {d }}$ | ¢æt | d3nst | bæd3 | point |
| læt ${ }^{\text {d }}$ | taa:t | dgob | la:d3 | 1n'd301 |

## PROVERS AND SAYINGS TO PRACTICE

1. Just a joke.
2. A journalist made a journey over Japan
3. John put the orange juice into the fridge.
4. What a charming child!
5. Hatches, catches, matches and dispatches.
6. Charlie doesn't know chalk from cheese.

## Consonant phoneme [1]

A forelingual, apical, constrictive fricative, lateral sonant. In pronouncing this sound the tip of the tongue touches the alveoli. The sides of the tongue are lowered and the air passes through the narrowing formed between the lower lip and the upper teeth. The soft palate is raised. The vocal chords are made to vibrate.

## Phonetic exercise 79

| li: | lift | left | leis | 1 k | la:d | $10:$ | lpt | lu:m |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| li:f | list | les | leık | $1 \Lambda \mathrm{~V}$ | la:d3 | 10:n | lok | lu:s |
| li:v | lımp | let | lerm | $1 \wedge m p$ | la:k | 10:d | 1 lb | lu:t |
| li:p | liv | læd | lein | $1 \mathrm{nt} \mathrm{f}^{\text {d }}$ | la:st | lo:ntf | lods | lu:p |
| li:n | 'livo | læmp | la1 | 1 nnds | la:f | 10:s | 'lpb1 | lvk |

Phonetic exercise 80

| bıl | bel | d $\Lambda 1$ | fu:1 | sold | belt | bılk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| t11 | sel | mal | pu:1 | bsuld | delt | bslk |
| kıl | Sel | n ^l | spu:1 | s3uld | dwelt | sslk |
| mıl | tel | fol | tu:1 | w3:ld | felt | mılk |
| sıl | wel | pol | stu: | fo:lt | melt | pælp |
| w1l | swell | wol | mju:1 | so:lt | smelt | skæp |

## PROVERS AND SAYINGS TO PRACTICE

1. Let sleeping dog lie.
2. Life is not all cakes and ale.
3. Loo before you leap.
4. Let Lucy light a candle and we'll all look for the missing ball.
5. A little pill may well cure a great ill.

## Consonant phoneme [r]

A fore lingual, cacuminal, constrictive, central, nasal sonant. In pronouncing [r] the tip of the tongue is raised approaches the back of the alveoli forming a wide narrowing there. The back of the tongue is raised to the soft palate. The air passes through the mouth along the tongue. The vocal chords are made to vibrate.

Phonetic exercise 82

| rıd | red | ræt | rob | rı'ses |
| :---: | :---: | :---: | :---: | :---: |
| rip | rent | ræp | r3vb | rı'si:v |
| rit | rest | ræJ | rom | r1'fo:m |
| ri:d | rein | raiz | ru:t | r1'fain |
| ri:f | reid | ravv | ru:d | rı'li:v |
| relm | reids | raıð | $\mathrm{r} \Lambda \int$ | rı'po:t |

Phonetic exercise 84

| 'mær1 | '1ərə | 'fprist | 1'rekt |
| :---: | :---: | :---: | :---: |
| 'fer1 | 'mire | 'forid | 1're1z |
| 'duvarı | 'erənd | 'per1 | 1ks'tri:m |
| 'lor1 | 'erənt | 'prorids | mə'ri:n |
| 'spr1 | 'terə | 'perafin | mı'ra:3 |
| 'ta:rı | 'tærıf | 'piəriəd | dı'reıl |
| 'evr1 | 'forın | 'mærıds | di'raiv |

Phonetic exercise 83

```
tri: -- Өri:
trıl -- 0rıl
trast -- 0^st
træf -- 0ræf
tred -- 0red
    tret -- 0ret
```

Phonetic exercise 85
trıp -- drıp
tra1 -- dra1
tru:p -- dru:p
træm -- dræm
trenn -- dreın
tred -- dred
trent -- drentf
treng -- drentf

## Consonant phoneme [j]

A mediolingual, constrictive, central, voiced sonant. In pronouncing this sound the front of the tongue is raised to the hard palate. The tip of the tongue is lowered. A narrowing of the air-passage is formed between the central part of the tongue and the hard palate. The air passes through the narrowing formed there. The soft palate is raised. The vocal chords are made to vibrate. The lips are spread or neutral.

| Phonetic exercise 86 | Phonetic exercise 87 |  |  | Phonetic exercise 88 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| i: -- ji: | ji: | jel | ja: | tju:b | vju: |
| es -- jes | ji:ld | jen | ja:n | tju:n | nju:d |
| æm -- jæm | j12 | jelp | ja:d | dju:k | mju:z |
| ง:-- jo: | jes | jæŋk | jo: | dju:n | 'mju:zık |
| 12 -- j1ə | ji:st | jæp | jo:t | dju:p | рјшә |
| 0:t -- jo:t | jet | jæk | j30k | sju:t | kjuə |

## PROVERS AND SAYINGS TO PRACTICE

1. As you make your bed, so you must lie in it.
2. No news is good news.
3. Yesterday I heard a curious and beautiful new tune.
4. Don't argue about duty, or you'll make me furious - I know the value of duty.
5. Excuse me if I refuse, but this suit isn't suitable.
6. You know New York.

You need New York.
You know you need unique New York.

## Consonant phonemes [k], [g]

Back-lingual, occlusive, plosive consonants. [k] is voiceless, [g] is voiced. In pronouncing these sounds the back of the tongue is raised to the soft palate forming a complete obstruction. Immediately after that the tension in the place of obstruction is released and the air breaks through the obstruction. The tip of the tongue is retracted from the front lower teeth. The soft palate is raised. [k] is pronounced with aspiration before vowels. In pronouncing [g] vocal chords are made to vibrate.

## Phonetic exercise 89

| kıd | kek | ko:k | giv | geit | gri:f | pıg -- pık |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| kın | keds | ko:n | gift | gein | gri:t | brıg -- brık |
| kıl | kæb | ko:1 | grlt | germ | gri:n | w1g -- wik |
| kı $\theta$ | kæp | k3:k | get | gnd | greid | li:g -- li:k |
| ki:p | kæn | k3:b | ges | g30 | greıp | bæg -- bæk |
| ki:n | kerk | k3:s | gæs | g3uld | gra:sp | kræg -- kræk |
| ki:1 | ka:m | kpt | gæp | ga:d | gra:nt | dpg -- dpk |
| ki: | ka:f | k3vt | gæf | gu:s | grads | log -- lok |

Phonetic exercise 91

$$
\begin{aligned}
& \text { pıg -- pık } \\
& \text { brıg -- brık } \\
& \text { wıg -- wık } \\
& \text { li:g -- li:k } \\
& \text { bæg -- bæk } \\
& \text { kræg -- kræ } \\
& \text { dpg -- dpk } \\
& \text { log -- lpk }
\end{aligned}
$$

## PROVERS AND SAYINGS TO PRACTICE

1. Take care of the pence and the pounds will take care of themselves.
2. To tell tales out of school.
3. To carry coal to Newcastle.
4. If you can't can any candy can, how many candy cans can a candy canner can if he can can candy cans? If you can't can any candy can, how many candy cans can a candy canner can if he can can candy cans ?

## Consonant phoneme [ $\mathbf{y}$ ]

A backlingual, occlusive, nasal sonant. In pronouncing [ $\mathfrak{y}$ ] the back of the tongue is raised towards the soft palate. The soft palate is lowered and a complete obstruction is formed between the soft palate and the back of the tongue. The tip of the tongue is at the lower teeth. The air passes through the nasal cavity. The vocal chords are made to vibrate.

## Phonetic exercise 92

| kıy | $\mathrm{b} \wedge \mathrm{y}$ | 10k | 'sing | klıy -- 'klıyı | $\theta \mathrm{n}$-- $\theta_{11}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| flıg | $\mathrm{h} \wedge \mathrm{y}$ | pıpk | 'sprıngə | sin -- 'sipin | pin -- pıy |
| strıj | 1 g | $\theta 10 \mathrm{k}$ | 'æりgə | rıj -- 'rı1ı | din -- dıy |
| hæŋ | $j \wedge \eta$ | blæŋk | 'hæygə | stıy -- 'stıjıy | win -- wip |
| fæŋ | gny | $\theta æ \supseteq k$ | 'gæŋgə | brıy -- 'brııı | pæn -- pæŋ |
| klæŋ | roy | mıyk | 'j^ygə | hæy -- 'hæŋı1 | bæn -- bæy |
| slæŋ | stroy | drıŋk | 'longə | loy -- 'lpy 10 | tın -- tıy |

Phonetic exercise 94

| sıŋ | hæŋk | god 'mə:nıŋ |
| :--- | :--- | :--- |
| lon | tæŋk | god 'a:ftənu:n |
| 'i:tıŋ | 'lıŋkıŋ | god 'i:vnıŋ |
| 'skeıtıŋ | '日ıŋkıŋ |  |

## PROVERS AND SAYINGS TO PRACTICE

1. Seeing is believing.
2. Saying and doing are two things.
3. Anything's better than going on doing nothing.
4. The spring brings mane charming things.
5. I think the thing is impossible.

## Consonant phoneme [h]

A pharyngal, constrictive, fricative, voiceless consonant. In pronouncing [h] the narrowing is formed between the root of the tongue and the back part of the pharynx. The vocal chords do not vibrate.

Phonetic exercise 95

| æm -- hæm <br> ænd -- hænd | hi: <br> hi:p | h $\wedge n t$ <br> hз:t | bi'hed <br> bı'heıv |
| :---: | :---: | :---: | :---: |
| el -- hel | hit | hbt | in'herl |
| عə -- heə | hit ${ }^{\prime}$ | hoist | br'haınd |
| i:v -- hi:v | ha1 | hзup | bı'ha:f |
| 0:1 -- ho:1 | hatd | ha:d | in'hæbit |
| a:m -- ha:m | hatt | hu:f | pə'hæs |
| a:t -- ha:t |  |  |  |

## PROVERS AND SAYINGS TO PRACTICE

1. Habit cures habit.
2. He that has no head needs no hat.
3. High winds blow on high hills.
4. In Hertford, Hereford and Hampshire hurricanes hardly ever happen.
5. Humble hairy Herbert has his hand on his heart because he sees how his brother's horse has hurt his hoof in a hole while hunting. Henry helps him to hobble home; Henry is very humorous.
6. A happy hippo hopped and hiccupped.
7. Harry Hunt hunts heavy hairy hares. Does Harry Hunt hunt heavy hairy hares? If Harry Hunt hunts heavy hairy hares, Where are the heavy hairy hares Harry Hunt hunts?

## The Four Types of Stressed Syllables

The way the vowel is read in English depends on the type of stressed syllable. The type of the syllable is defined by the letters which follow the stressed vowel. The stressed syllables are divided into four types:

## I. Open:

a) absolutely open - the syllable ends in a vowel that is read as it is named in the alphabet:
a -- [erı nature
o -- [3u] no
e -- [i:] me
i -- [a1] item
y -- [a1] sky
u -- [ju:] unit
b) conditionally (conventionally) open - the syllable ends in the mute $\mathbf{e}$ :
a -- [er] take
o -- [3ั] note
e -- [i:] Pete
i -- [aı] time
y -- [a1] type
u -- [ju:] tune
II. Closed: the stressed vowel is followed by one or more consonants (except $\mathbf{r}$ ). The vowel has a short reading:

$$
\begin{array}{llll}
\mathrm{a} & -- & {[\mathfrak{x}]} & \text { cat } \\
0 & -- & {[\mathrm{p}]} & \text { not }
\end{array}
$$

e -- [e] met
i -- [1] it
y -- [1] lip
u -- $\quad[\Lambda] \quad$ cup
III. The Third type: Vowel + r + (consonant) The syllable ends in the letter $\mathbf{r}$ which is not pronounced but shows that the vowel has a long reading:

$$
\begin{aligned}
& \mathrm{a}+\mathrm{r}-\mathrm{m} \text { [a:] far } \\
& 0 \quad+\quad \text {-- [0:] sport } \\
& \mathrm{e}+\mathrm{r}-\mathrm{H} \text { [3:] her } \\
& \text { i }+ \text { r -- [3:] girl } \\
& \mathrm{y}+\mathrm{r} \text {-- [3:] myrtle } \\
& \mathrm{u}+\mathrm{r}-\mathrm{-} \text { [3:] turn }
\end{aligned}
$$

IV. The Fourth type: Vowel + re The vowel is followed by the letters re and is usually read as a diphthong:

```
a + re -- [eo] care but: are [a:]
o + re -- [0:] more
e + re -- [10] here but: there [ð\varepsilonə], where [w\varepsilonə], were [w3:]
i + re -- [a1ə] fire
y + re -- [a1ə] tyre
u + re -- [jvo] pure but: sure [fvo]
```


## READING RULES

1. -er; -or in an unstressed syllable give the sound [ $\boldsymbol{\square}$ ]
e.g. doctor ['dpktə]; teacher ['ti:tfo]
2. $\mathbf{o}+\mathbf{l d}=[3 \cup]$
e.g. cold [kzold]
3. Letter $\mathbf{s}$ gives sound $[\mathbf{z}]$ in two cases:

- between vowels
e.g. visit ['vizit];
- at the end of the word after voiced consonants and vowels e.g. names [neımz], bags [bægz].

Letter $\mathbf{s}$ gives sound [s] in three cases:

- at the beginning of the word
e.g. sit [stt], street [stri:t];
- at the end of the word after voiceless consonants
e.g. books [boks];
- before a consonant
e.g. task [ta:sk].

4. Letter $\mathbf{c}$ can be read as $[\mathbf{s}]$ or $[\mathbf{k}]$. It is read as $[\mathbf{s}]$ before letters $\mathbf{e}, \mathbf{i}, \mathbf{y}$. In all other cases it is read as $[\mathbf{k}]$.
e.g. city ['sitr], cycle [saikl], cell [sel], coat [k3ut], cream [kri:m]
5. Letter combination $\mathbf{c k}$ is read as $[\mathbf{k}]$
e.g. back [bæk]
6. Letter $\mathbf{x}$ before a stressed vowel is read as [gz], in other cases - as [ks].
e.g. exam [1g'zæm]

## THE RULES OF SYLLABLE DIVISION

In English vowels are syllable-forming sounds. But under certain conditions sonants may become syllabic.
e.g. picture [pik-tfo]

```
lesson [le-sn]
rhythm [r1-ðm]
table [te1-bl]
```

To denote the number of syllables it's necessary to remember the following rules of syllable-division:

1. If a stressed vowel is followed by one consonant (except r), this consonant refers to the next syllable.
e.g. 'student -- 'stu-dent

In this word the first syllable is open and the vowel has alphabetic reading. But in English there are some exceptions from the rule in which vowels are read as short sounds.
e.g. city, pity, copy, very etc.
2. If a stressed vowel is followed by two consonants including double $r$, one consonant refers to the first syllable and the next consonant refers to the second syllable.
e.g. din-ner, mar-ry

In these words the first syllable is closed, so the vowels are read as short sounds.
3. If a stressed vowel is followed by two consonants the last of which is a sonant, both consonants refer to the second syllable.
e.g. ta-ble

In this word the first syllable is open and the vowel has alphabetic reading.

## STRESS IN ENGLISH

Word stress is the prominence given to the syllable or syllables of a word.

1. In two-syllable words the first syllable is usually stressed.
e.g. 'of-fice,
'sup-per
Note! If a two-syllable word has a prefix, the second syllable is stressed.
e.g. re'turn
be'gin
2. In the three- and many-syllabic words the third syllable from the end is usually stressed. The stressed vowel is usually short, except [ju:] which is long.
e.g. 'fac-to-ry
ex-'pe-ri-ment
'fu-ne-ral
Note! To denote a stressed syllable, endings and suffixes are not taken into account.
e.g. 'demonstrate
'demonstrating
Only the noun-forming suffix -ion influences the defining of a stressed syllable. The syllable preceding the suffix becomes stressed. The stress of the verb the noun is derived from becomes secondary.
e.g. 'demonstrate
,demon'stration
Some words have two main stresses. They are:

- numerals from 13 to 19
e.g. 'fif'teen, 'six'teen etc.
- compound adjectives if their first element is an adjective e.g. 'good-'looking, 'ready-'made etc.
- compound nouns and adjectives if their first and the second element have their own distinct meaning. e.g. 'red 'deer, 'good 'will etc.
- the words with prefixes diving the word another as a rule, opposite, meaning (un-, ir-, il-, non-, dis-, under-, etc.) e.g. 'dis'like, 'un'able, 'ir'regular.

