

Phonetics: The general study of the characteristics of speech. Sounds

Articulatory Phonetics: The study of How speech sounds are made.

Phonology: is the description of the systems and patterns of speech sounds in a language.

المجلد الأول
The vocal cards 'The Adam's apple'
الشفة

Monophthong: The vowel quality remains more or less constant.

الحروف العلة الثابتة، كذا، إيفف، إيفف، إيفف

الدينام
Diphthong: A vowel whose quality changes within a syllable.
ثنائي حركات حرف العلة

Distribution: The range of places within a word with a given sound.

المكان في حرف

الدينام
Realization: The relation between phonemes and their phonetic segment.

English.
All phones: Realization of a phoneme which are entirely predictable from the context

e.g. aspirated & unaspirated of "p"

Korean.
overlapping: in Korean.

Parallel distribution: at least "1" place in which either type of sound may occur.

التمييز
distinction: between aspirated & unaspirated Voiceless Stop
Phonemic → Korean
• all phonetic → English.

حرف علة حرف آخر
Assimilation: 2 sound segments occur in sequence same a spect of "1" segments is taken copied by the other.

صوتي
Vowel → seen → ماركوي
N ي; nasal ماركوي

elision: the process of not pronouncing a sound segment that might be presented in the deliberately careful pronunciation of a word in isolation.

Friendship → Frenship

Bilabial: p, ^{nasal}m, b

Labio-dental: f, v

Dental: θ, ð

^{ظني}Alveolar: s, z, l, d, t, ^{نق}n

Palate Alveolar: ch [tʃ], sh [ʃ], ^{با}j [dʒ], ^{با}d [dʒ]

Palate: "j" → yes → yak.

^{Velum}Velar: k, g, ŋ ^{نق}

glottal: h

stop: b, p, t, d, k, g

Fricatives: f, v, s, z, ʃ, ʒ, θ, ð, h

اشفري AFFricates, ^{on} tʃ, dʒ

انفري Nasals, m, n, ŋ

Liquids, l, r

glids, w, y="j"

Diphthong

Seeing → si:lŋ → بعد ادخام .

نُزْن vowel لم يكن في مقطع واحد " 1 syllable "

Seeing = see + ing syllable " 2 "

si:lŋ = si: + lŋ

Diphthong:

آي aɪ سالك saɪk رال rale باله balde

aɪ: sigh, rye, bide, Kite, site, bite, Price

داي eɪ فاعن x → فائس eɪ: say, ray, bayed, Face

اوي oɪ oɪ: boy, soy, roy, bouyed, Choice

اوو ʌʊ ʌʊ: how, now, loud, cow, mouth

وو əʊ əʊ: Go, load, home, most, coat

All Voiced ^(+v) Vowels: → in glotal → الحروف الصوتية

Height: ارتفاع اللسان، ارتفاع منحنى الحلق

High

Mid

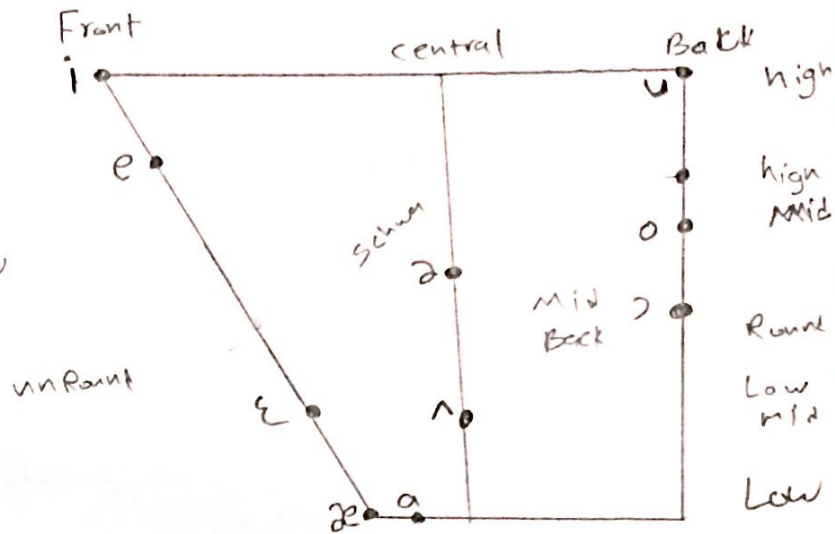
Low

Frontness: رجوع طرف اللسان، رجوع منحنى الحلق

Front

Central:

Back:



Roundedness: Lips: see → un Rounded
sue → Rounded

Long Vowels:

^{ee} [i:] → Feel, Key → [ki:], Meet, Need, Me
^{aa} [a:] → Path, art, Father, car, March, Park
^{oo} [ɔ:] → Core, Saw, Walk, all, Four, caught
^{uu} [u:] → Soup, Coor, Food, Soup, You, Pool
^{ee} [ɜ:] → Cur, girl, earth, turn, bird

Short Vowels:

ⁱ [ɪ] → Pit, hit, in, active, this, fill, mid
^{ee} [e] → nest, met, pet, led, sell, pen, ten
^{aa} [æ] → cat, pat, hat, and, apple, ant, put, an
^ʌ [ʌ] → but, gun, duck, putt, love, up
^u [ʊ] → put, full, look, book, box
^ɒ [ɒ] → pot, dog, shop, on, doll, song, strong
^ɔ [ɔ] → apple, asleep, about, again, apartment
uh "Schwan"

Front Mid back

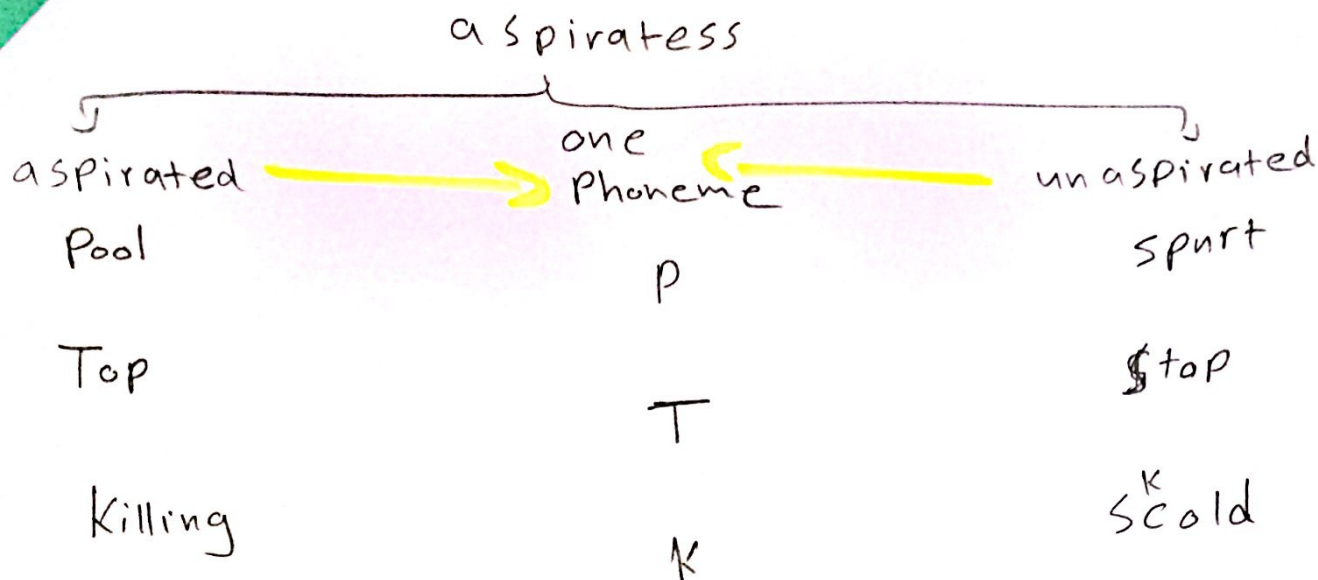
High	eee i: me	eh I in	oh U look	Shoe U: cow
	en e ten	ɒ mid central	er 3: girl	oow ɔ: saw
Low	an æ hat ant	ou ʌ up	aah Aunt a: arm	ɒ on

central
un Rounded Rounded

* Notes: Short → الحروف القصيرة

Long → الحروف الطويلة

Short or quite



Pairs words
ازواج الكلمات

Minimal pair
differ only one sound

sit - sat

minimal sets

sit - sat - set

