

Chapter 2



Phonetics Engl 328

Hayfa Alhomaïd



Why individual sounds are important?

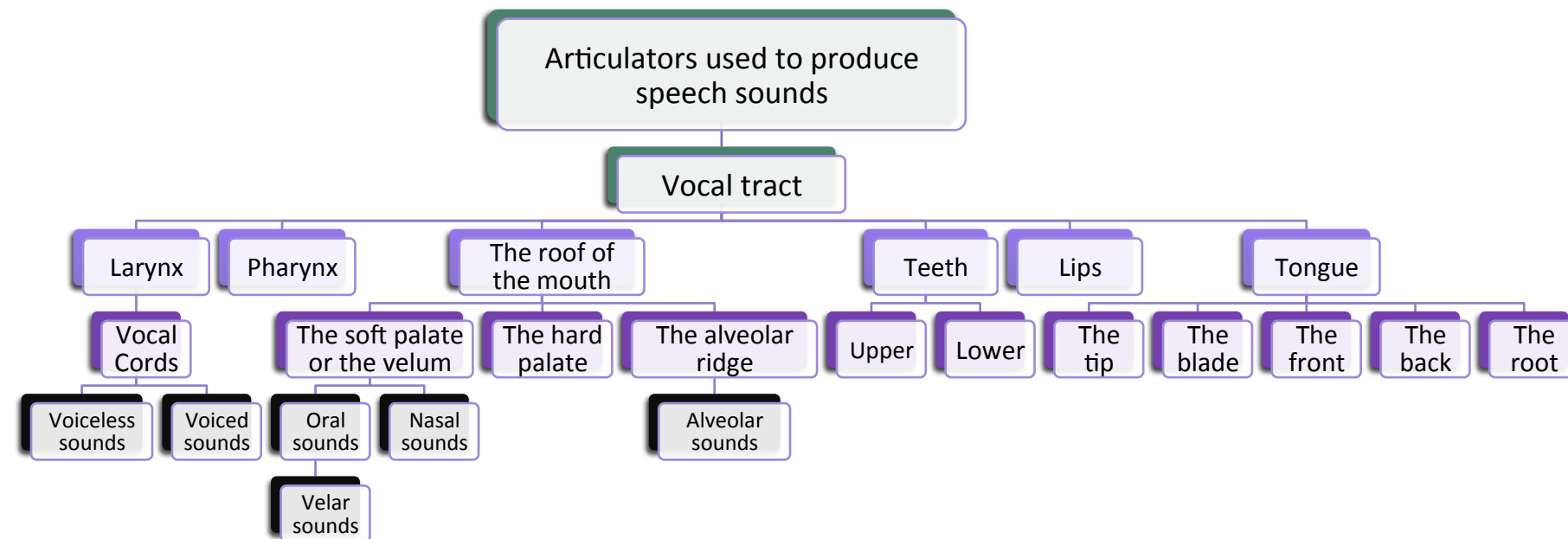
➤ What are the characteristic features of the speech sounds?

1. They are distinct entities.
2. They do not have any meaning in themselves.
3. They convey meaning only when they are combined in specific ways.
4. In specific combinations they signal contrasts in meaning.

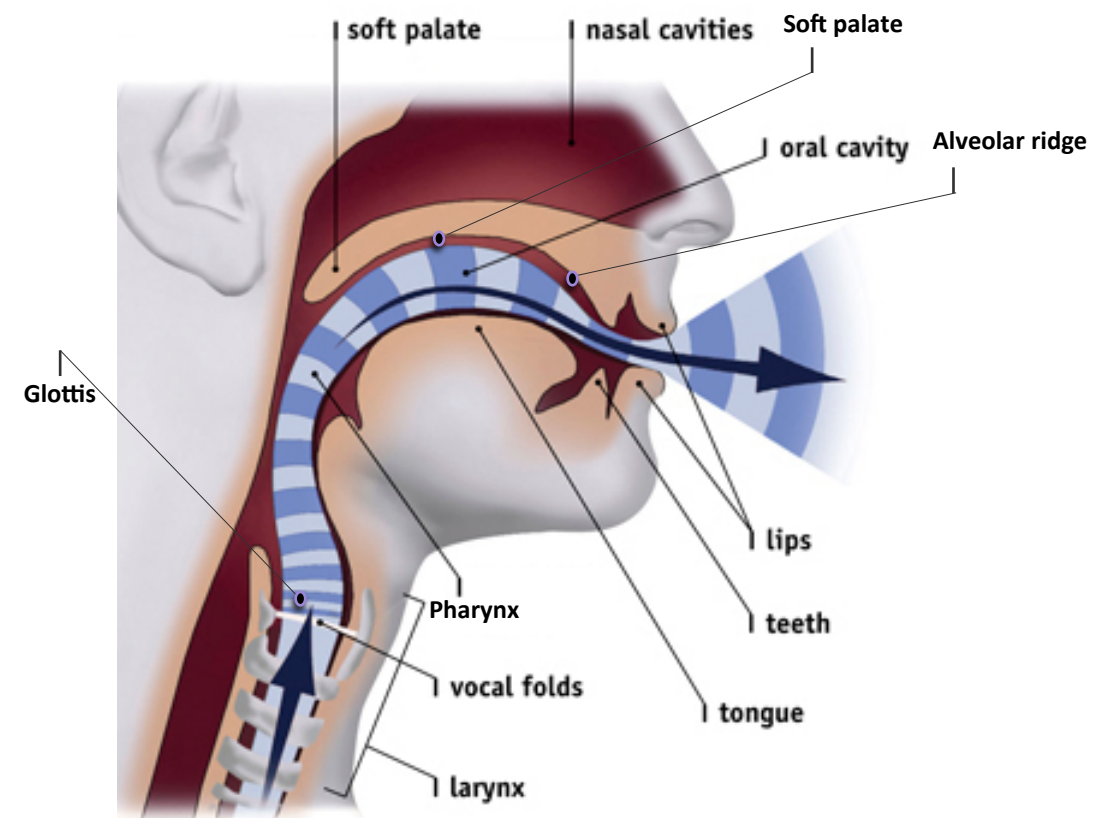
How we produce speech sounds?

- What are the features that can be used in describing speech sounds?
 1. The manner in which a speaker produces these sounds ➤ Articulatory Phonetics.
 2. The manner in which they are transmitted from the speaker to the listener ➤ Acoustic Phonetics.
 3. The manner in which the listener perceives (hears) them ➤ Auditory Phonetics.

How we produce speech sounds



How we produce speech sounds



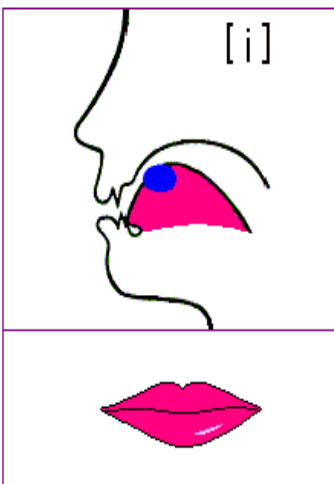
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Consonants and Vowels

- ➔ **Vowels** ➔ no obstruction of the flow of air
- ➔ **Consonants** ➔ with obstruction of the flow of air

Point of Tongue Elevation

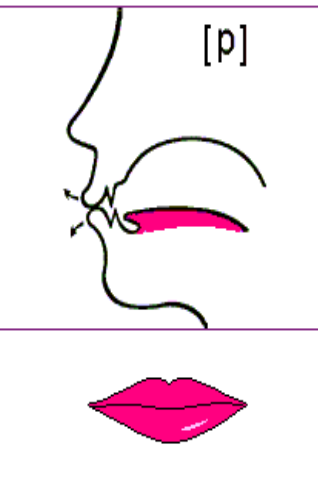
		Front	Center	Back
Elevation of Tongue	High	i I		u ʊ
	Mid	e ɛ	ə ʌ	o
	Low	æ	a	ɔ ɑ



[i]

Vowel Consonant

stop	p	[pa]	b	[ba]
	t	[ta]	d	[da]
	k	[ka]	g	[ga]
nasal	m [ma] n [na] ŋ [ŋa]			
fricative	f	[fa]	v	[va]
	θ	[θa]	ð	[ða]
	s	[sa]	z	[za]
	ʃ	[ʃa]	ʒ	[ʒa]
semi vowel	h	[ha]		
	w	[wa]	y	[ya]
affricate	r	[ra]	l	[la]
	tʃ	[tʃa]	dʒ	[dʒa]



[p]

Vowel Consonant

How we identify sounds of English

➤ If we substitute a sound by another sound and we come up with a new word with a different meaning then these two sounds are English sounds.

E.g. **p**in and **t**in

So, /p/ and /t/ are English sounds and these two words are called minimal pairs.

From this test we come up with 44 sounds in English, 24 consonants and 20 vowels.

How we represent sounds of English in Writing

➤ Why don't we use spelling letters to represent sounds?

1. The same sound is represented sometimes with different letter.

E.g. **c**at and **k**ite

2. The same letter is sometimes used to represent different sounds.

E.g. Picn**i**c and ic**e**

3. Some letters used in writing are not pronounced at all.

E.g. **k**now

4. Sometimes we pronounce extra sounds that do not have any representation in writing.

E.g. **O**nce and **O**n

How we represent sounds of English in Writing

So, they come up with different type of representation which is known as the International Phonetic Alphabet (IPA)

/b/	/r/
/s/	/t/
/d/	/v/
/f/	/w/
/g/	/j/
/h/	/z/
/dʒ/	/ð/
/k/	/θ/
/l/	/ʒ/
/m/	/ʃ/
/n/	/tʃ/
/p/	/ŋ/

How we represent sounds of English in Writing

So, they come up with different type of representation which is known as the International Phonetic Alphabet (IPA)

/i:/	ɜ:
/ɪ/	ə
/e/	eɪ
/æ/	aɪ
ɑ:	ɔɪ
ɒ	aʊ
ɔ:	ə
ʊ	ɪə
u:	eə
ʌ	ʊə

Using these symbols in writing is known as **Transcription**

This is all for today

SEE YOU NEXT WEEK 😊