

PHONETICS & PHONOLOGY

Articulatory phonetics

Another great website on phonetics:

<https://linguistics.berkeley.edu/acip/> and/or

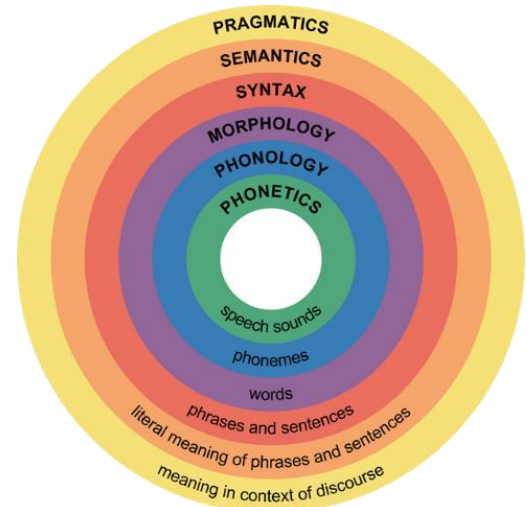
<http://www.phonetics.ucla.edu/course/chapter1/chapter1.html>

You can navigate and access other files and pages.

We are following the chart in our book!

		Place of Articulation															
		Bilabial		Labio-dental		Inter-dental		Alveolar		Post-Alveolar		Palatal		Velar		Glottal	
Manner of Articulation	Stop	p	b					t	d					k	g	ʔ	
	Fricative			f	v	θ	ð	s	z	ʃ	ʒ					h	
	Affricate									tʃ	dʒ						
	Flap								r								
	Nasal		m						n					ŋ			
	Lateral Liquid								l								
	Retroflex Liquid								ɭ								
	Glide	w	w ³									j					

State of the Glottis Voiceless Voiced



Click on Chomsky
for not-course-
related linguistic info

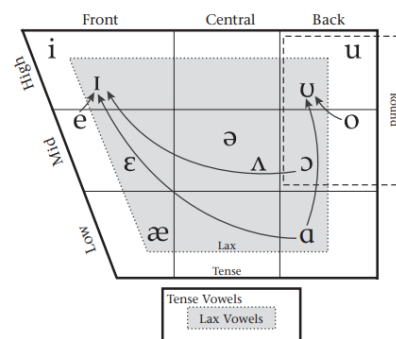
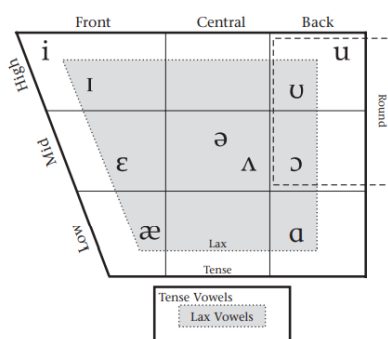


Discussion time! (Language Files, p.100)

What is the difference between a consonant and a vowel?

<i>Consonants</i>	<i>Vowels</i>
produced with a constriction somewhere in the vocal tract that impedes the airflow	produced with a relatively open vocal tract
possible to talk about a place or manner of articulation for consonants	for vowels, we must describe the position of the tongue body and lips as they shape the airflow
not as sonorant as vowels	more sonorant (intense)
usually cannot function as a syllable nucleus	can usually function as a syllable nucleus
consonants can be either voiced or voiceless	most vowels are voiced

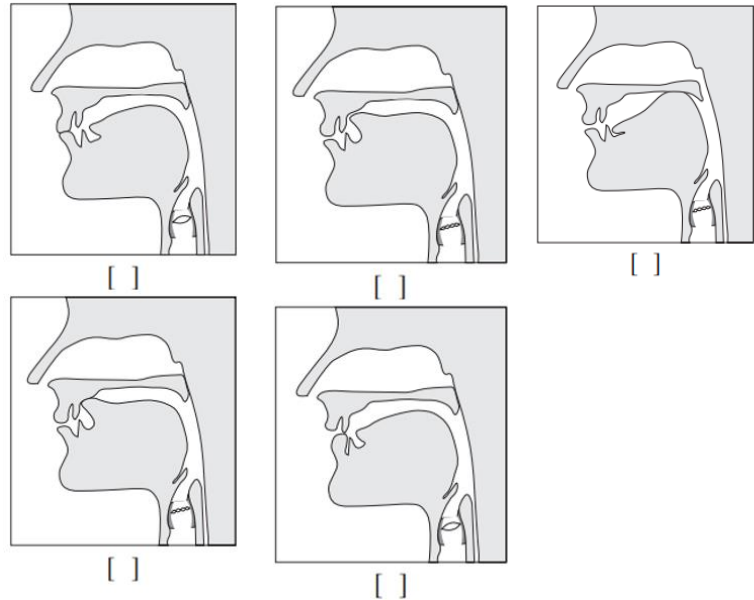
Say *iiiiiiiiiii* and slightly raise your tongue – Are our tongues already high!
What is the sound you get?



Another exercise from our book!
(p. 97)

We are looking for

- Voicing
- Place of articulation
- Manner of articulation



Your turn! How do we know that the affricates are the combination of a stop and a fricative?

Praat! ('talk' in Dutch) But before trying that, say [ɑjɑ] and say the same word backward.

And now say [ɑtʃɑ] and say the same word backward. Now Praat time!

Our first steps in acoustic phonetics

Praat¹ is a super useful tool.



Fun Exercise

"A bird in the hand is worth two in the bush"²

If you have free time:

[On the words 'mom' and 'dad' across languages](#)

[On English like](#)

¹ The meme is just a regular meme, click on it.

² The data is accessible from <http://www.phonetics.ucla.edu/vowels/chapter7/abirdinthehand.html>.