

Charts for Articulatory Phonetics

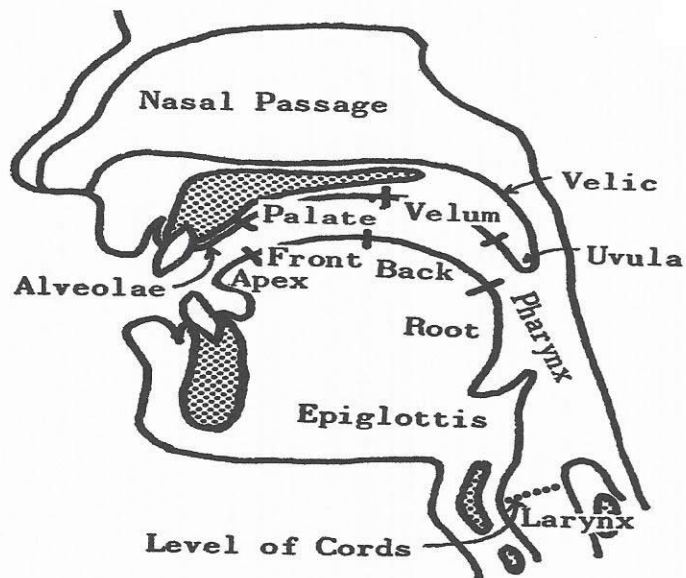
Chart 1 - Diagram of the Mouth

Chart 2 - Points of Articulation

Chart 3 - Partial Skeleton Consonant Chart

Chart 4 - Partial Chart for Vowels

Chart 1 - Diagram of the Mouth



* From H.A. Gleason, An Introduction to Descriptive Linguistics, Revised Edition. 1955. p.242.

Chart 2 - Points of Articulation

	LOWER ARTICULATOR	UPPER ARTICULATOR
Labial		
Bilabial	(lower) lip	upper lip
Labiodental	(lower) lip	(upper) teeth
Apical		
Dental	apex of tongue	(upper) teeth
Alveolar	apex of tongue	alveolae
Retroflex	apex of tongue (see below)	palate
Frontal		
Alveopalatal	front of tongue	alveolae and far front of palate
Prepalatal	front of tongue	front of palate
Dorsal		
Palatal	back of tongue	back of palate
Velar	back of tongue	velum
Uvular	back of tongue	extreme back of velum or uvula

* From H.A. Gleason, An Introduction to Descriptive Linguistics, Revised Edition. 1955. p. 244

Chart 3 - Partial Skeleton Consonant Chart

		Bilabial	Labiodental	Dental	Alveolar	Alveopalatal	Velar	Glottal
Stops	voiceless	p			t		k	
	voiced	b			d		g	
Affricates	voiceless					č		
	voiced					ǰ		
Fricatives	slit	voiceless	f	θ				h
		voiced	v	ð				
	groove	voiceless				s	š	
		voiced				z	ž	
Lateral	voiced				l			
Nasals	voiced	m			n		ŋ	
Semivowels	voiced	w			r	y		

* From H.A. Gleason, An Introduction to Descriptive Linguistics, Revised Edition. 1955. p. 252.

Chart 4 - Partial Chart for Vowels

Articulatory Phonetics

	Front		Central		Back	
	Unrounded	Rounded	Unrounded	Rounded	Unrounded	Rounded
High	i	ü	ɨ	ʉ	ɯ	u
Lower high	ɪ		ɨ			ʊ
Higher mid	e	ö				o
Mean mid	ɛ		ə			ɤ
Lower mid	ɛ	ø	ɜ		ʌ	ɔ
Higher low	æ					
Low			a		ɑ	ɒ

* From H.A. Gleason, An Introduction to Descriptive Linguistics, Revised Edition. 1955. p. 255