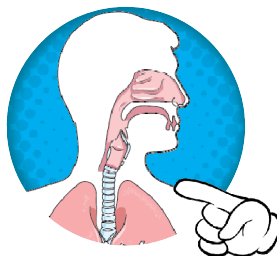


Introduction to fənɜːrɪks

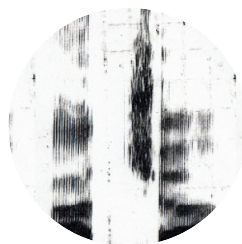
Phonetics: The Study of Speech Sounds

Studying the raw materials of language

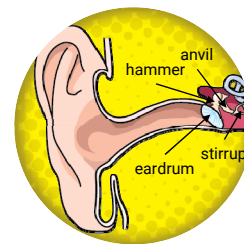
Phones (sound)



**Articulatory
production (source)**



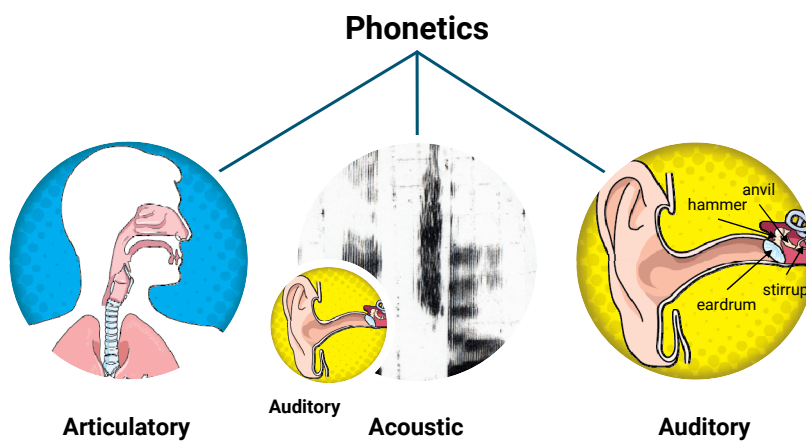
**Acoustic
waveform**



**Sound
reception**

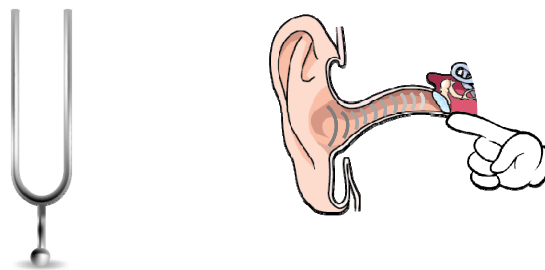
Head, ear: LifeArt Super Anatomy Collections 1-9. Williams & Wilkins 1998; Sound waves: Randy Harris; Finger: Noedelhap/iStock/Thinkstock

Modes of Phonetic Analysis



Head, ear: LifeArt Super Anatomy Collections 1-9. Williams & Wilkins 1998; Sound waves: Randy Harris; Finger: Noedelhap/iStock/Thinkstock

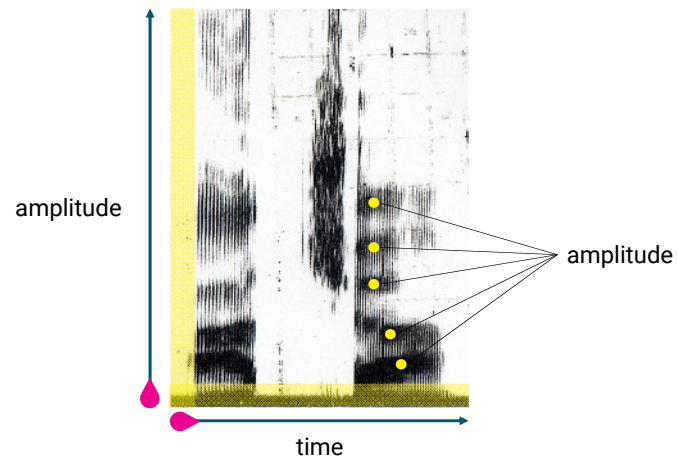
Acoustic Phonetics



Tuning Fork: Arkela/iStock/Thinkstock; Ear: LifeArt Super Anatomy Collections 1-9. Williams & Wilkins 1998; Finger: Noedelhap/iStock/Thinkstock

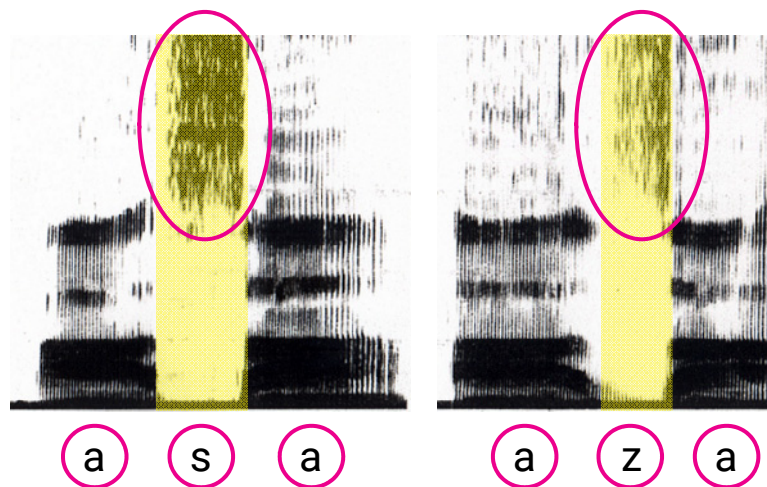
Acoustic Phonetics

Sonogram



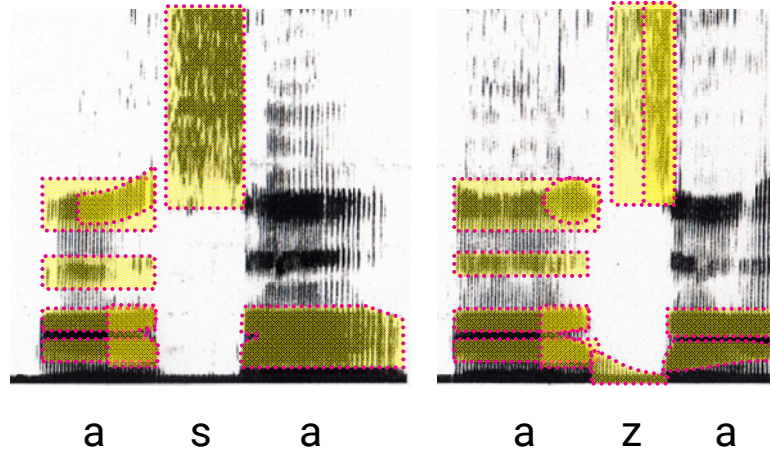
Randy Harris

Acoustic Phonetics



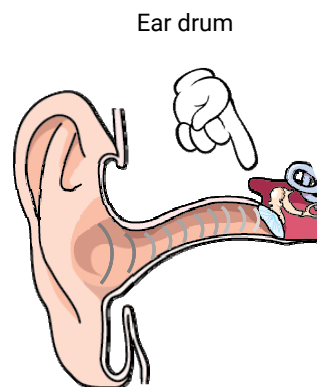
Sound waves: Randy Harris; Finger: Noedelhap/iStock/Thinkstock

Acoustic Phonetics



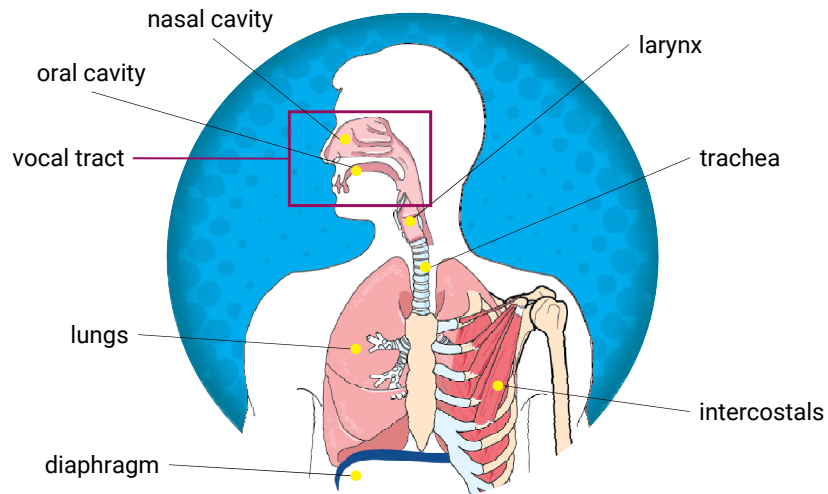
Sound waves: Randy Harris; Finger: Noedelhap/iStock/Thinkstock

Auditory Phonetics



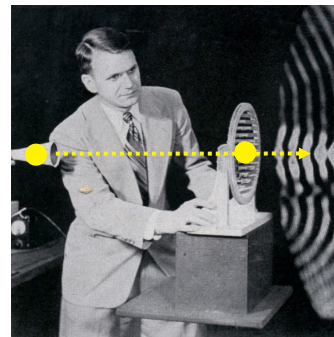
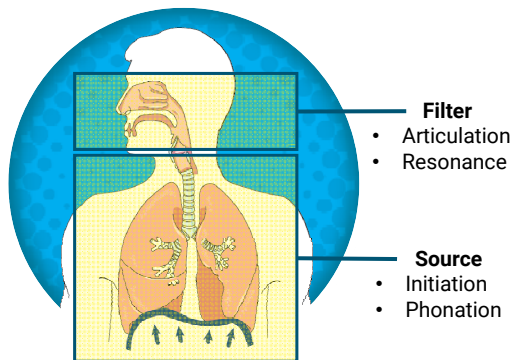
Ear: LifeArt Super Anatomy Collections 1-9. Williams & Wilkins 1998; Finger: Noedelhap/iStock/Thinkstock

Articulatory Phonetics



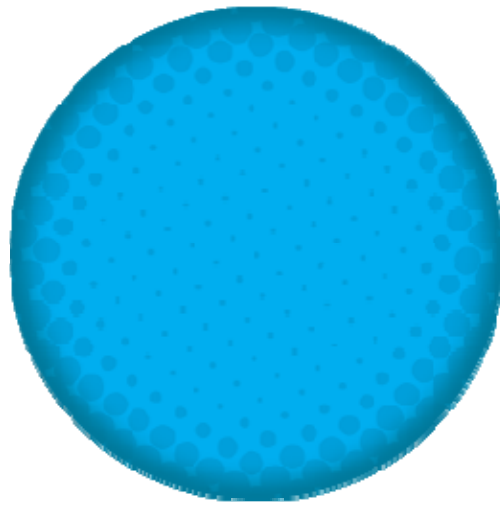
LifeArt Super Anatomy Collections 1-9. Williams & Wilkins 1998.

Articulatory Phonetics



Body: LifeArt Super Anatomy Collections 1-9. Williams & Wilkins 1998; Sound wave picture: Popular Science (1950). "Neon Lamp Traces Sound Wave's Picture". Retrieved from <http://blog.modernmechanix.com/neon-lamp-traces-sound-waves-picture/>.

Articulatory Phonetics



Body: LifeArt Super Anatomy Collections 1-9. Williams & Wilkins 1998; Glottis, Vocal cords: University of Waterloo; Hand: Noedelhap/iStock/Thinkstock