

Articulatory Phonetics

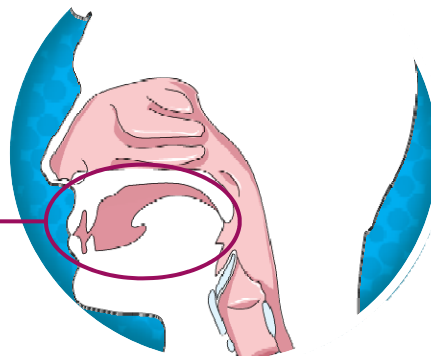
3: Vowels and Place

Adopting the Articulatory Model for Analyzing Vowels

We've looked at:

- Consonants
 - Place of articulation
 - Manners of articulation
 - Voicing

Resonator



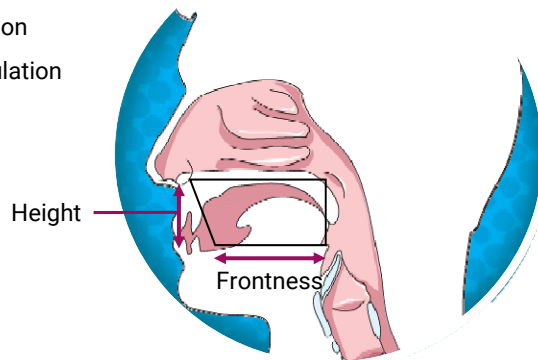
Let's look at vowels in the same general way.

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

Adopting the Articulatory Model for Analyzing Vowels

We've looked at:

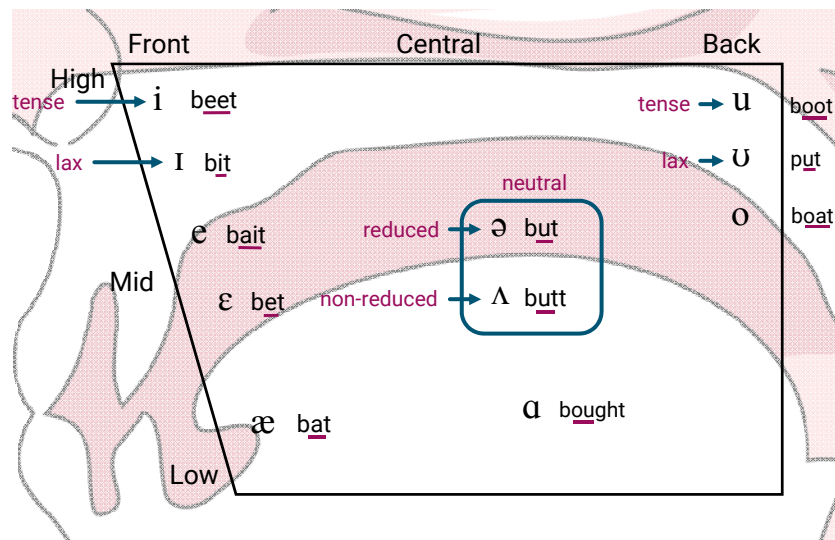
- Consonants
 - Place of articulation
 - Manners of articulation
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Let's look at vowels in the same general way.

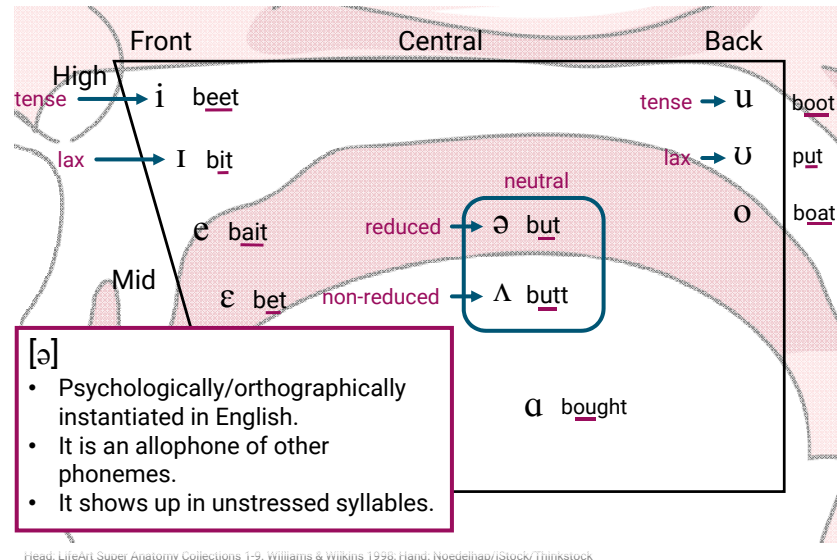
Head: LifeArt Super Anatomy Collections 1-9. Williams & Wilkins 1998; Hand: Noedelhap/iStock/Thinkstock

Charting the Vowels

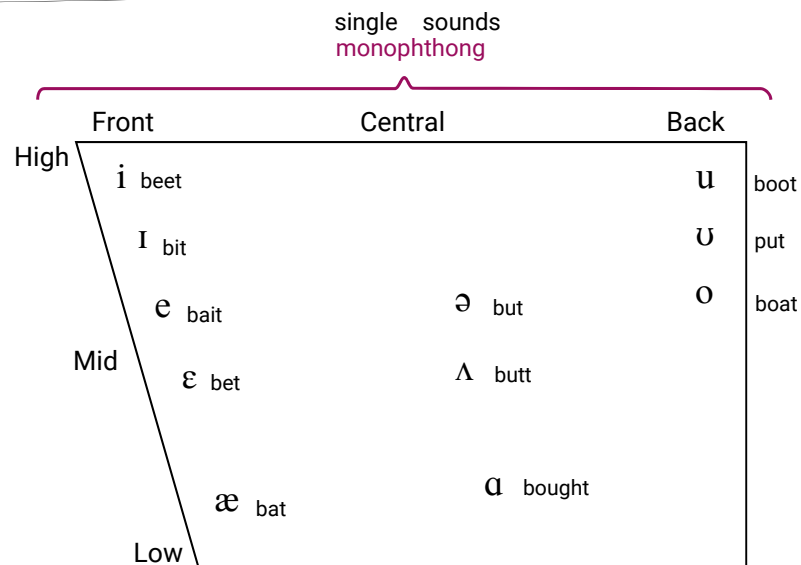


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Charting the Vowels



Diphthongs



Diphthongs

double sounds
diphthong

- A special kind of vowel.
- Two vowels occupying one vowel space.

[ɔ]



boy → [bɔɪ]

[a]



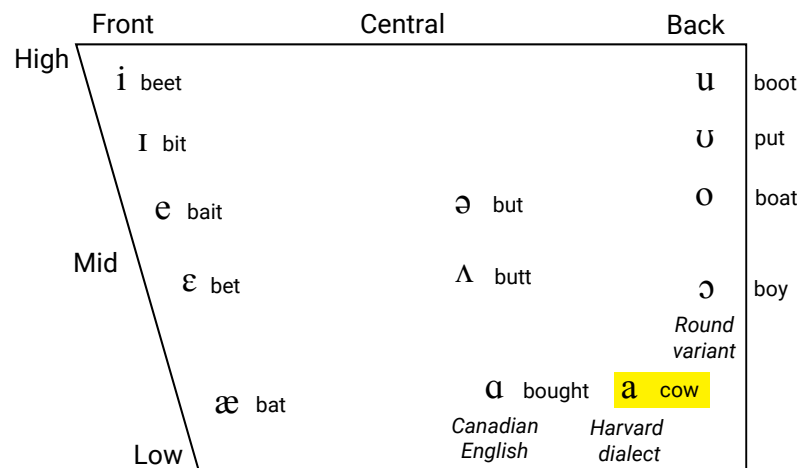
cow → [kaʊ]



bike → [baɪk]

Boy: Kharlamova/iStock/Thinkstock; Cow: VectorGift/iStock/Thinkstock; Bicycle: wenchawang/iStock/Thinkstock

Diphthongs



Hand: Noedelhap/iStock/Thinkstock

Diphthongs

- A special kind of vowel.
- Two vowels occupying one vowel space.



boy → [bɔɪ]



cow → [kaʊ]

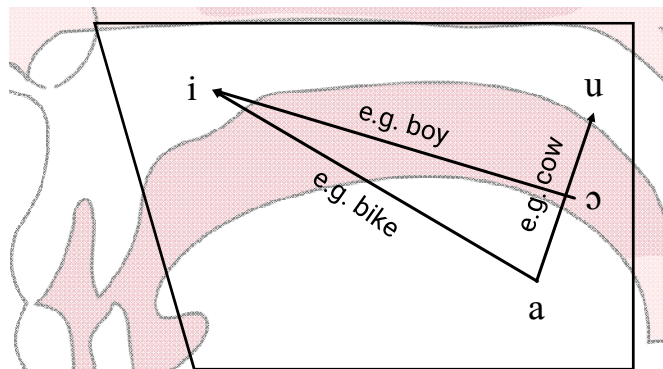


bike → [baɪk]

Boy: Kharlamova/iStock/Thinkstock; Cow: VectorGift/iStock/Thinkstock; Bicycle: wenchiaawang/iStock/Thinkstock; Hand: Noedelhap/iStock/Thinkstock

Diphthongs

- A special kind of vowel.
- Two vowels occupying one vowel space.
- Travelling vowels:



Closeup of head: LifeArt Super Anatomy Collections 1-9. Williams & Wilkins 1998; Hand: Noedelhap/iStock/Thinkstock