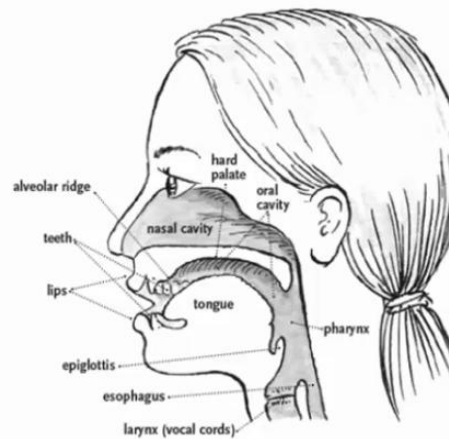


**One (1)** ✓

1. Inconsistencies between speech and spelling in English language
2. The sounds of English.
3. International Phonetic Alphabets.
4. Practice Exercises: Transcribing words and sentences.

**Two (2)** ✓

1. What is a consonant sound?
2. Classification / description of English consonant:
  - a. Voicing.
  - b. Place of articulation.
  - c. Manner of articulation.
3. Exercises (exam questions)



**Three (3)** ✓

1. Classification / description of English Vowels
2. Exercise (exam questions)

How do linguistics classify consonants sounds ?

□ Linguists classify consonant sounds based on three criteria:

1. Voicing
2. Place of articulation
3. Manner of articulation

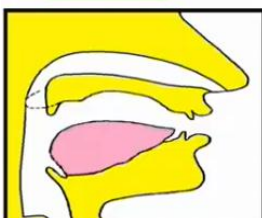


The Vocal Tract

□ What does that mean?

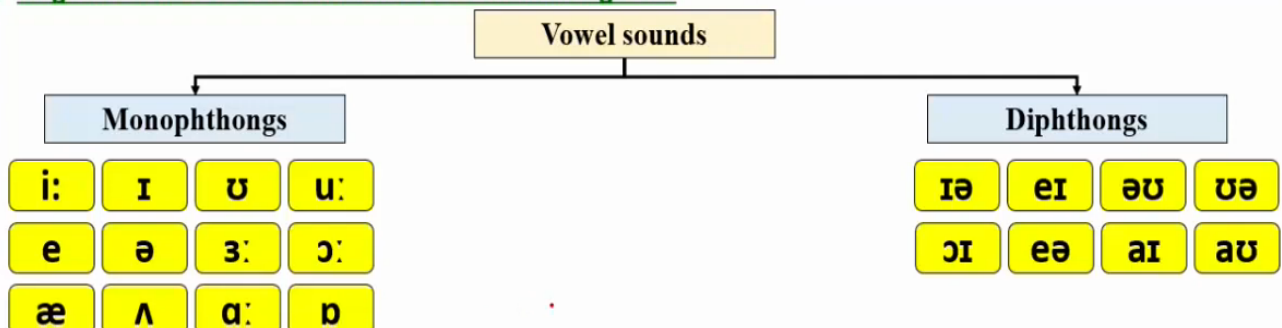
1. Voicing: → is the sound **voiced** or **voiceless**?
2. Place of articulation → where is the air flow constricted in the vocal tract?
3. Manner of articulation → how is the air coming from the lungs modified in the vocal tract?

□ Examples:



sound	Voicing	Place of articulation	Manner of articulation
/b/	voiced	bilabial	stop ✓
/tʃ/	voiceless	palatal	affricate ✓
/s/	voiceless	alveolar	fricative ✓

□ Linguists divide vowel sounds into tow main categories:



One vowel sound

Combination of two vowel sounds

□ When describing vowels linguists do not focus on: ✗ ✗ ✗

1. Voicing ✗ → because all vowels are voiced sounds.
2. Place of articulation ✗ → because the air is not constricted in the vocal tract.
3. Manner of articulation ✗ → because all vowels are oral sounds and the air is modified differently.

**How do linguists describe vowel sounds?**

□ Linguists describe vowel sounds based on three main criteria:

**I. Height:**

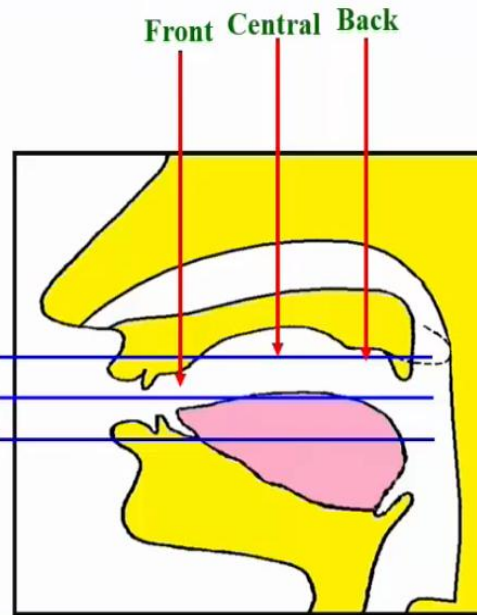
How high or low the tongue is when producing a vowel sound?

**II. Blackness:**

How far front or back the tongue is when producing a vowel sound?

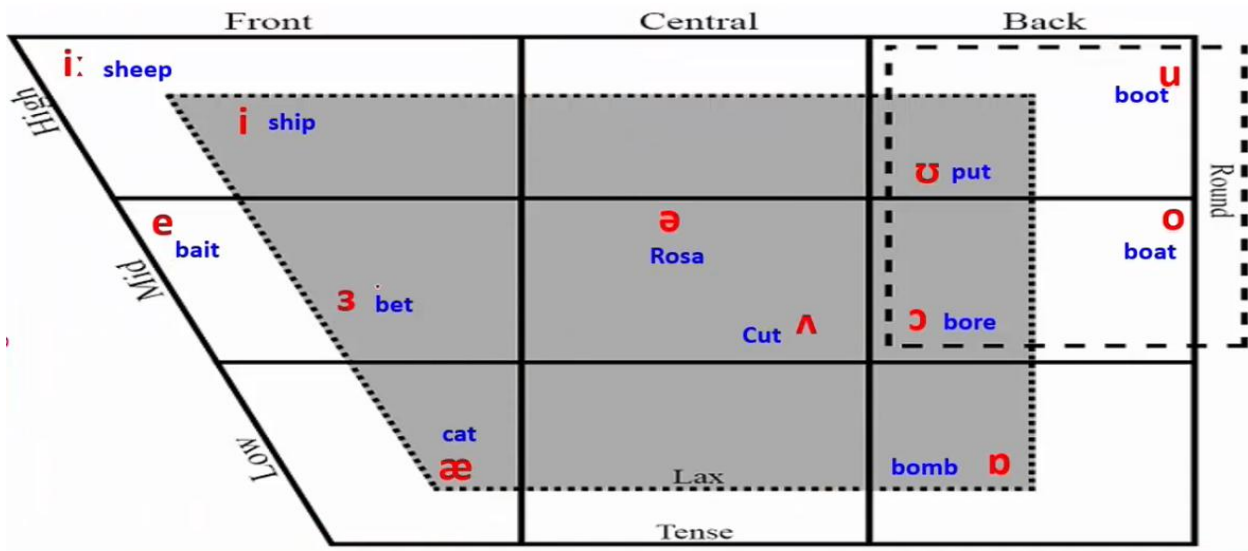
**III. Rounding**

Are the lips rounded or unrounded when producing a vowel sound?



□ Examples:

/i:/	→	high	front	unrounded	✓
/æ/	→	low	front	unrounded	✓
/u:/	→	high	back	rounded	✓
/ə/	→	mid	central	unrounded	✓
/ʊ/	→	high	back	rounded	✓



□ Describe the following vowel sounds:

/i:/	
/æ/	
/ʌ/	
/u/	
/ə/	

□ Describe the following vowel sounds:

/i:/	high front unrounded
/æ/	low front unrounded
/ʌ/	mid central unrounded
/u/	high back rounded
/ə/	mid central unrounded

□ What do these vowel sounds have in common:

/i:/ + /ɪ/ + /u/ + /ʊ/	
/æ/ + /ɒ/	
/u/ + /ʊ/ + /o/ + /ɔ/	
/i:/ + /ɪ/ + /æ/ + /e/	

□ What do these vowel sounds have in common:

/i:/ + /ɪ/ + /u/ + /ʊ/	high vowels
/æ/ + /ɒ/	low vowels
/u/ + /ʊ/ + /o/ + /ɔ/	rounded vowels
/i:/ + /ɪ/ + /æ/ + /e/	front vowels

**□ Classifying Vowels:**

Vowels are classified according to positions of the tongue and lips.

1. Front
2. Central
3. Back

1. High
2. Mid
3. Low

1. Rounded
2. Unrounded