

# THE PRODUCTIONS OF SPEECH SOUNDS

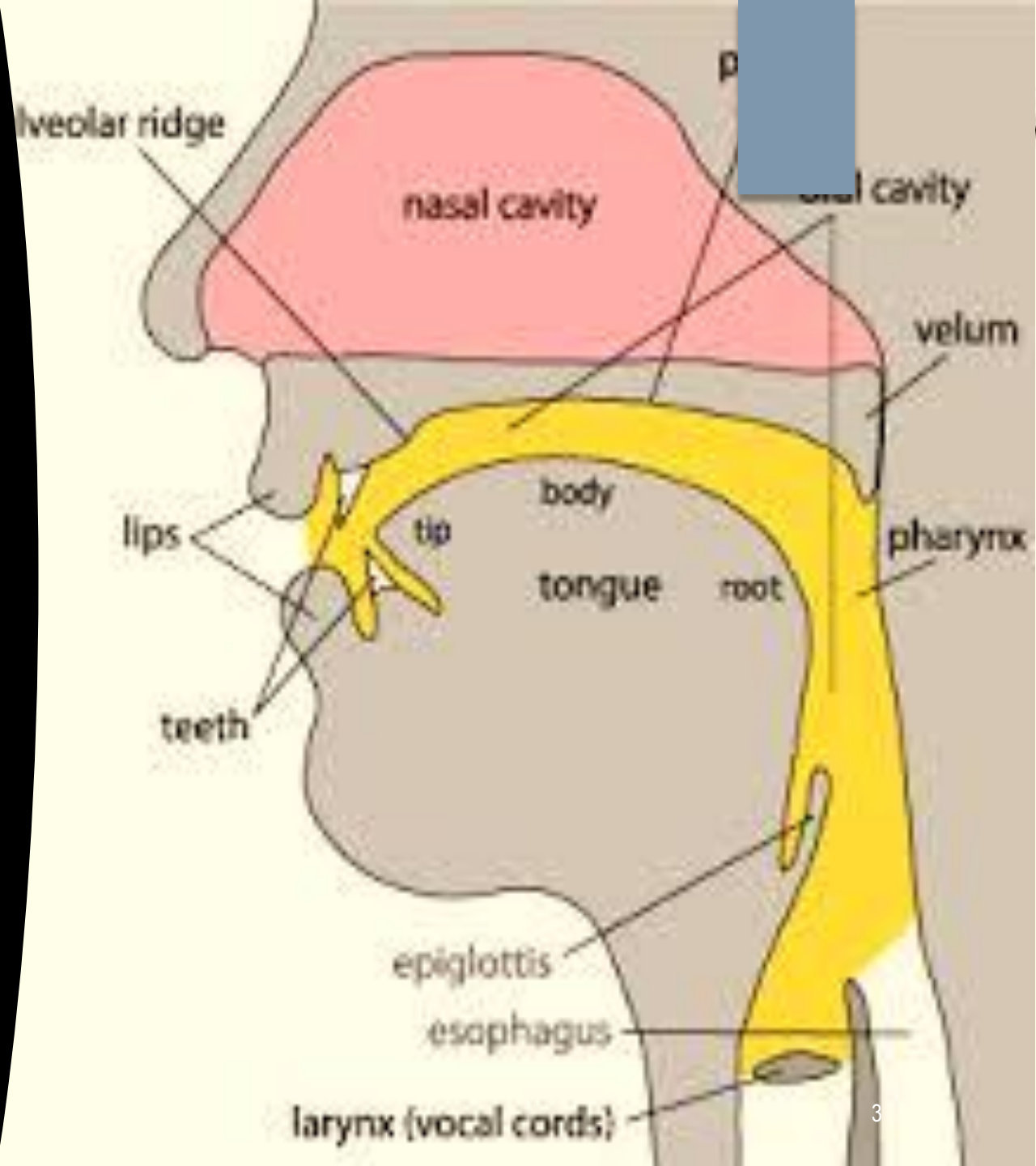
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# THE PRODUCTIONS OF SPEECH SOUNDS

- ~~Articulators above the larynx~~
- ~~Vowel and Consonant~~
- **English short Vowels**

## The Productions Of Speech Sounds

- Pharynx,
- Soft Palate,
- Hard Palate,
- Alveolar Ridge,
- Tongue,
- Teeth
- Lips



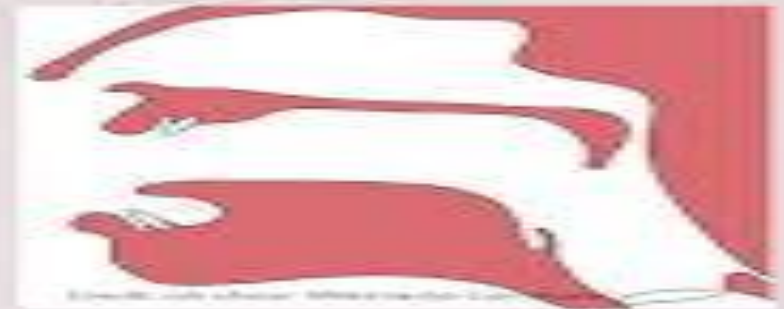
## The pharynx

is a tub which begins just above the larynx .It is about 7 cm in women and 8 cm in men .at its top end , it is divided into two parts one part is the back of the mouth and the other is the beginning of the way through the nasal cavity.

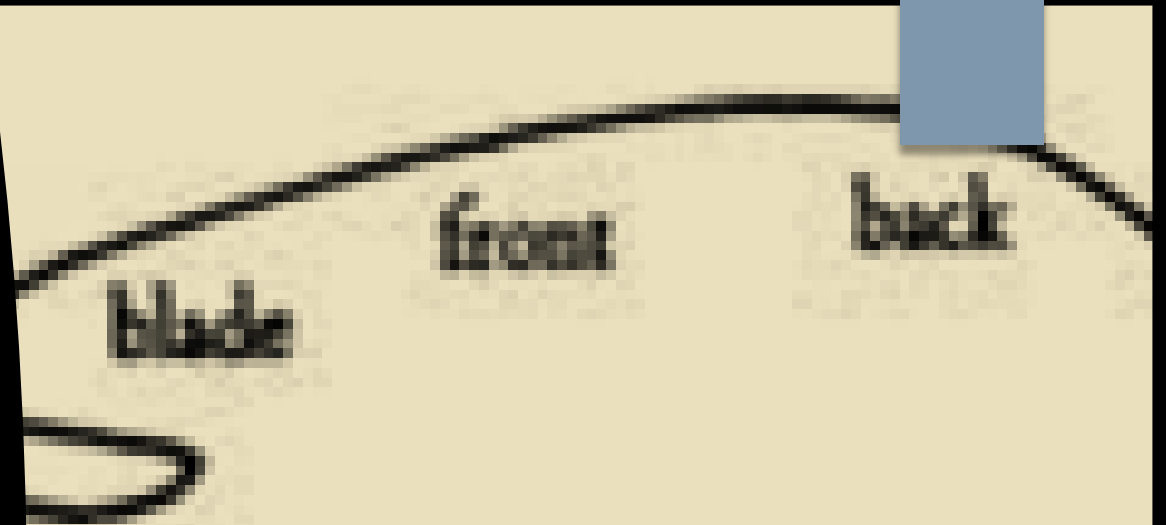
## The palate

is the roof of the mouth .It separates between the oral cavity and nasal cavity. It is divided into three parts:

- Soft palate
- Hard palate
- Alveolar ridge



- The tongue is a moveable speech organ .It is the most important part .it can be divided into tip, blade, front, central and back.



- The teeth are unmovable speech organs. The upper front teeth are more important than the lower front teeth.



➤ The lips are movable. The lower lip is more important than the upper lip because it is used in making sounds /f/, /v/

➤ The lips could be rounded such as /u/ or could be unrounded such as /i/.



# VOWELS

- Vowels are sounds in which there is no obstruction to the flow of air as it passes from the larynx to the lip.
- It is a sound in which there is a continuous vibration of the vocal cords and the air stream is allowed to escape from the mouth in an unobstructed manner, without any interruption.

# CONSONANT

- A consonant is a sound made by a partial or complete closure of the vocal tract." There are 21 consonant letters in the written alphabet (B, C, D, F, G, H, J, K, L, M, N, P, Q, R, S, T, V, W, X, Y, Z),
- There are 24 consonant sounds in most English accents

# VOWELS VS. CONSONANTS

- **Vowels** are basic speech sounds articulated with an open vocal tract.
- The **vowel** sound is not disturbed by teeth, tongue or mouth since the vocal tract is completely open
- There are 5 **vowel** letters.
- There are about 20 **vowel** sounds in English.
- **Consonants** are basic speech sounds articulated with a partially or completely closed vocal tract.
- The **consonant** sound is disturbed by teeth, tongue lips, etc. since the vocal tract is not completely open.
- There are 21 **consonant** letters.
- There are about 24 **consonant** sounds in English.

# SHORT VOWELS

- A vowel is a speech sound that is produced without any obstruction air in the speech tract.
- Vowels are described based on the following criteria:
  - ✓ The height of the tongue.
  - ✓ The part of the tongue that is raised or lowered.
  - ✓ The position of the lips.

# SHORT ENGLISH VOWELS

**/æ/**      **pat**

**/e/**      **pet**

**/ɪ/**      **pit**

**/ʌ/**      **cut**

**/ʊ/**      **put**

**/ɒ/**      **dog**

**/ə/**      **about**

# /æ/

- Front, open lips are slightly spread
- Gas, man, hat, cat, fat, sat, bat,
- The cat sat on the mat next to the bat.
- The fat man had a hat.

# /E/

- Front , close mid (open-mid), lips are slightly spread.
- Men, get, let, yes, set, met,
- Let me get the set.

/ɒ/

- back, open-mid, the lip is rounded.
- Pot, gone, cross, on, hot
- **It's hot on the bot.**
- **It's hot in the box.**



- Near to the center, close, the lips are rounded.
- Good, should, would, should, push, put,
- I would if I could but I don't know if I should

/ɪ/

- Front, close, lips are slightly spread,
- It's okay.
- Did, fish, pin, hit, bit, it, kiss, miss
- I fit my fit bit onto my write.



- Central, open, neutral
- Cut, but, butter, come, rush,

/ə/

- Central, open, neutral
- About, perhaps, an, another, banana, the man, a man, away, ago
- I want another banana or an apple

## Before class begins



Do your best to arrive on time and be ready to learn each day.



Put away your jacket, backpack, and any other items you bring from home.



Have a seat, greet the classmates seated near you, and begin the activity listed on the board.



Prepare for a great day of learning!

## Pencil sharpening



You may sharpen your pencil any time except for during whole-class instructions, activities, or lessons.

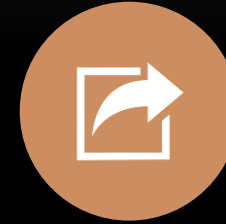


Mechanical pencils are also allowed!

# Assignments



Using your class time wisely will decrease the amount of work you need to complete at home.



Please record your first and last name on all of your assignments.



Completed assignments should be turned in to the tray on the table in the front of the room.



Assignments will be graded and returned to you each Friday.

Lining up for recess, lunch,  
and other activities

I will invite one group at  
a time to line up facing  
the classroom door.

Please be respectful and  
represent our class in a  
positive way.

The first person in line  
may hold the door for the  
rest of the class, and the  
last person in line may  
turn off the classroom  
light.

## How and when to contact me?



I want you to have a great and successful year!



You may visit with me about questions or concerns any time we are not in the middle of direct instruction, or I am not helping other students.



You may email me if necessary, and I will respond when I am able.



I am available for extra help before or after school. When possible, please let me know in advance so I can plan accordingly.