

# Respiratory system.

By Wasin 3 & Ratchapol 14

Class 512



# What is Respiratory System



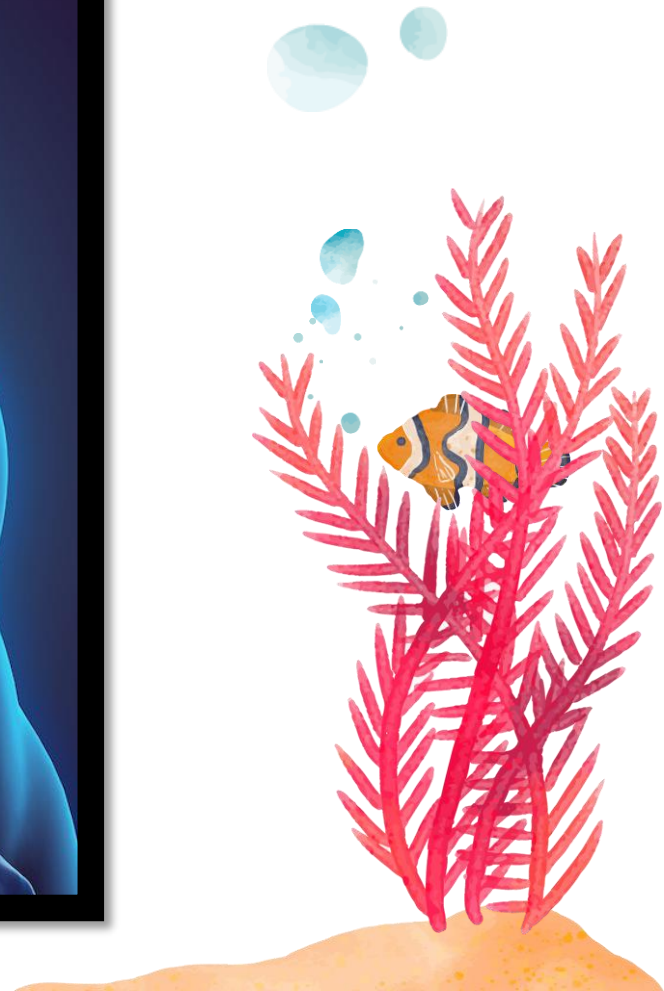
# Respiratory System is...

Your respiratory system is the network of organs and tissues that help you breathe.



**Parts of the  
system that  
makes you  
breathe**

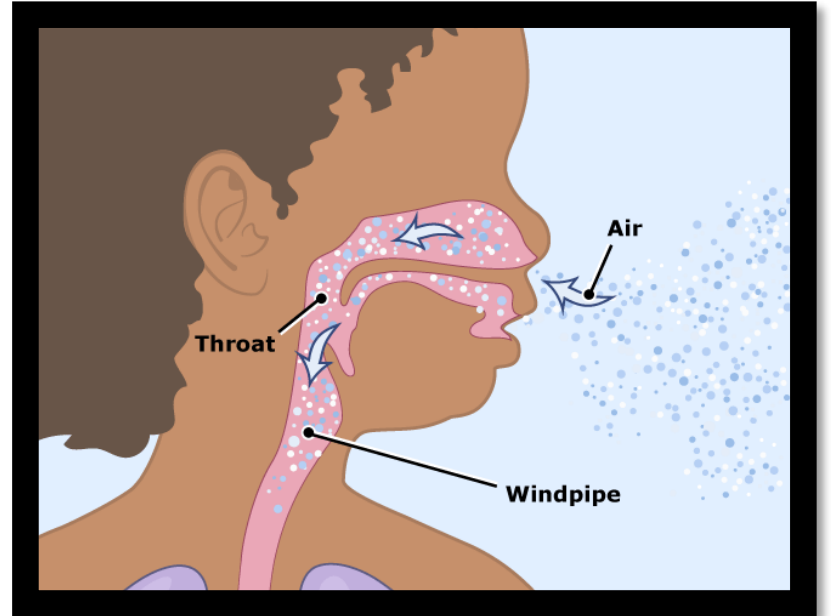
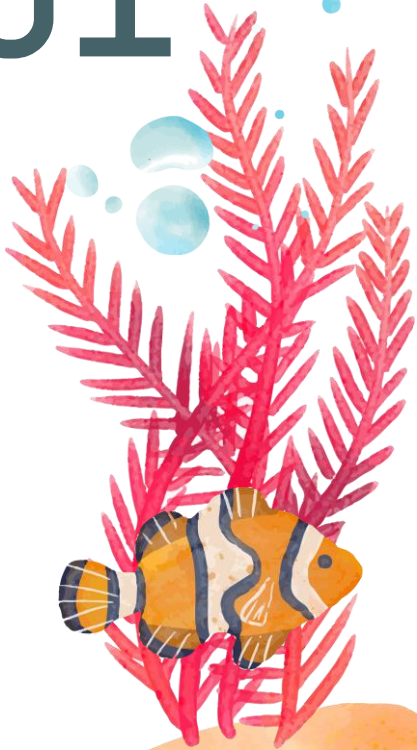




# Part 01

## Mouse and Nose

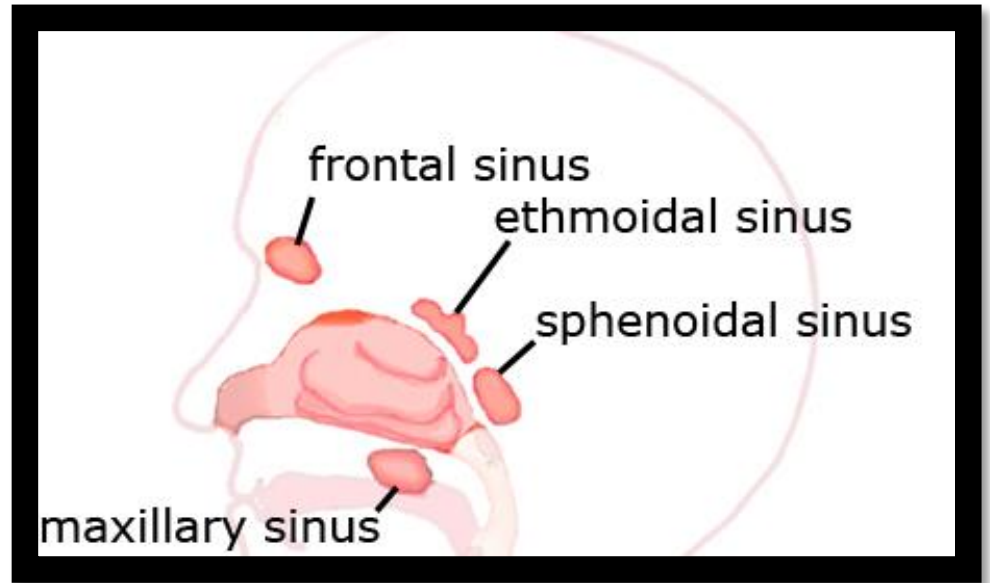
Pulls air into your  
respiratory system



# Part 02

# Sinuses

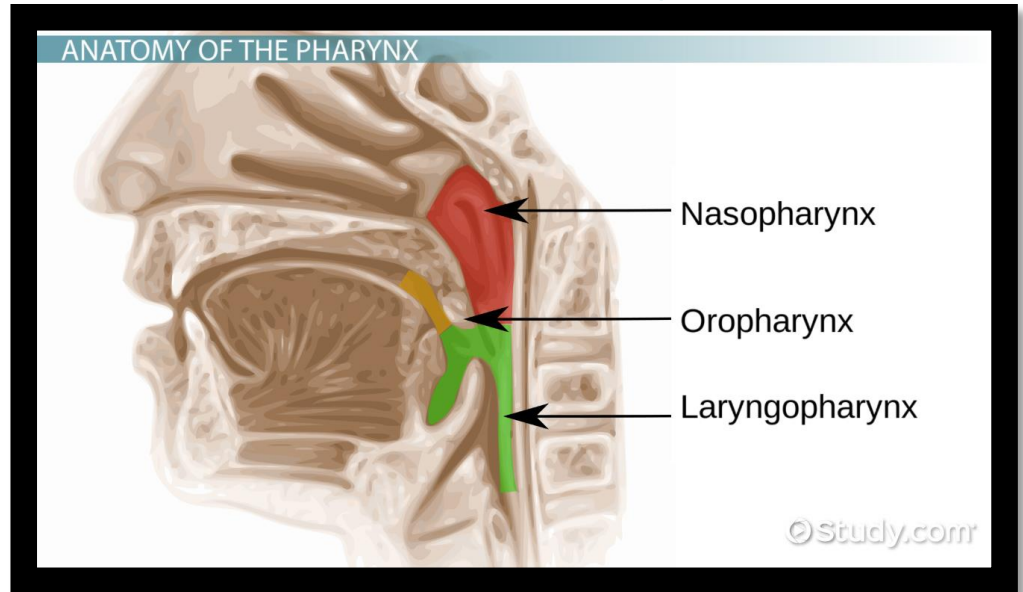
hollow spaces in the bones of your head.  
Small openings connect them to the  
nasal cavity



# Part 03

## Pharynx (throat)

Tubes that deliver air  
to trachea

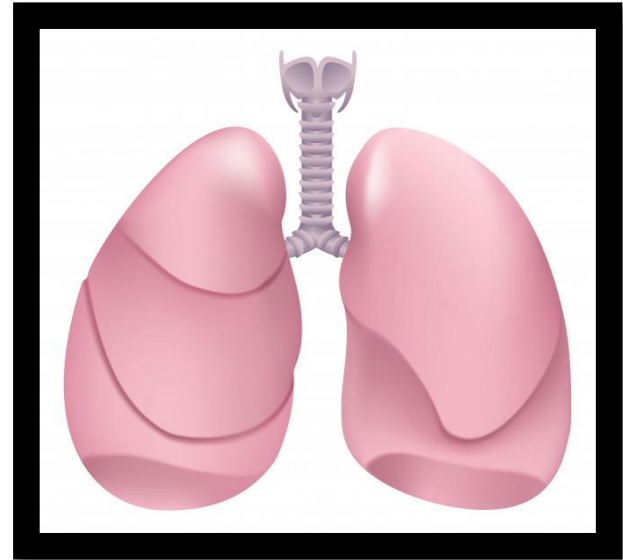




# Part 04

## Tracheae

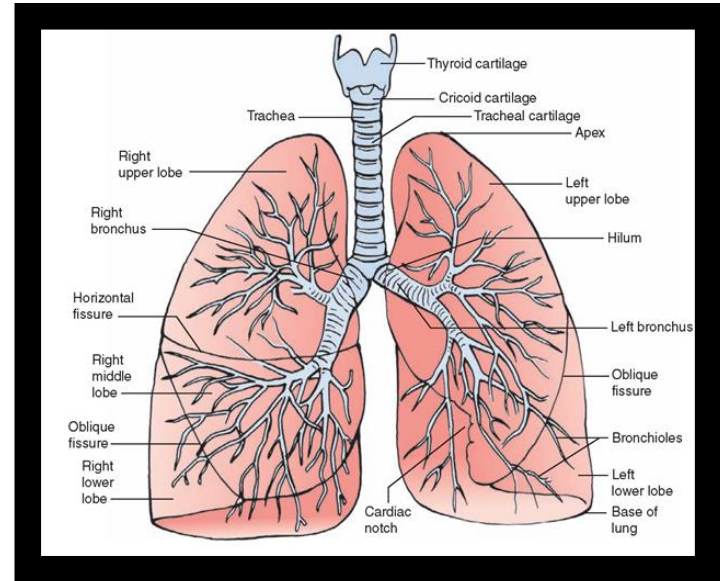
Air tubes connecting to  
the lungs



# Part 05

## Lungs

Exchange gases



# The Main Functions of Respiratory System

01

Exchange Gas

02

Moisturize your humidity level

03

Sounds Production

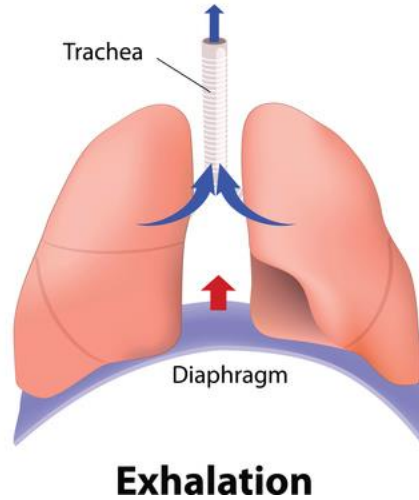
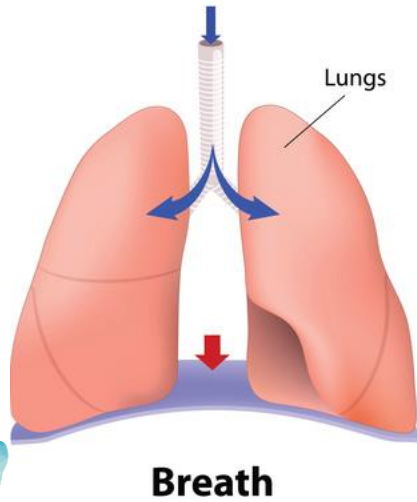
04

Sense of Smell



# Breathing...

## The diaphragm functions in breathing

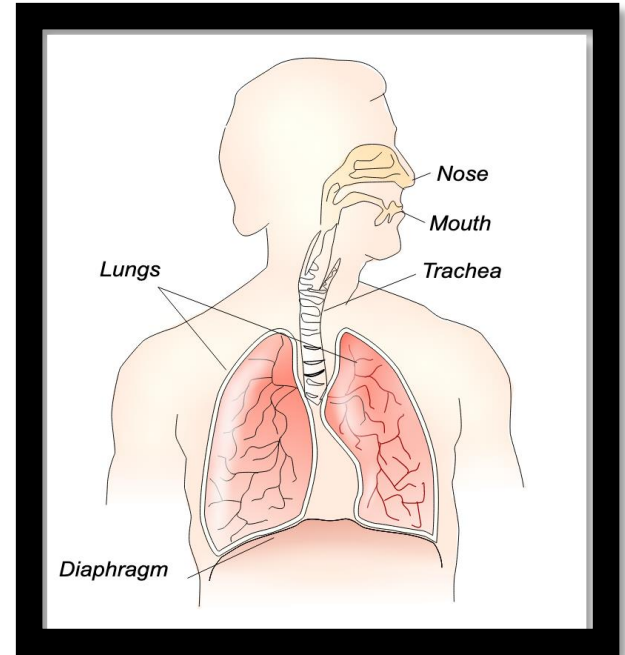


# Part 06



## Diaphragm

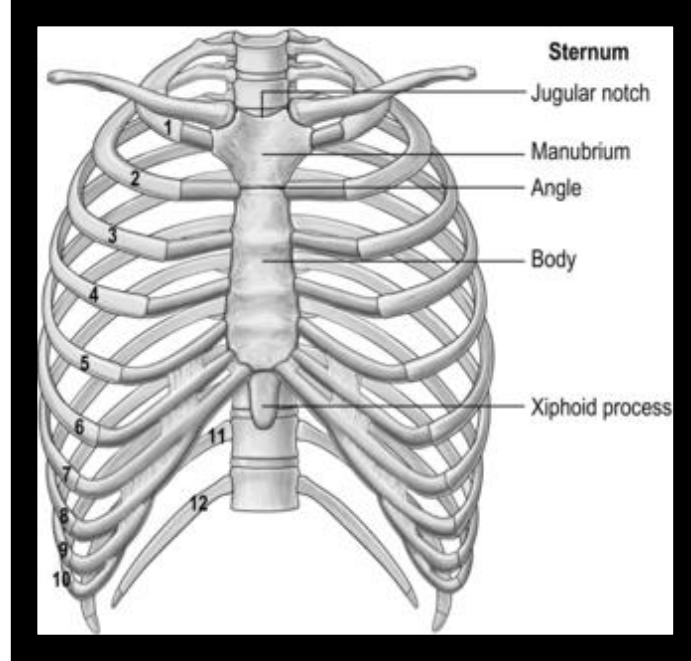
Muscle that helps your lungs pull in air and push it out



# Part 07

## Ribs

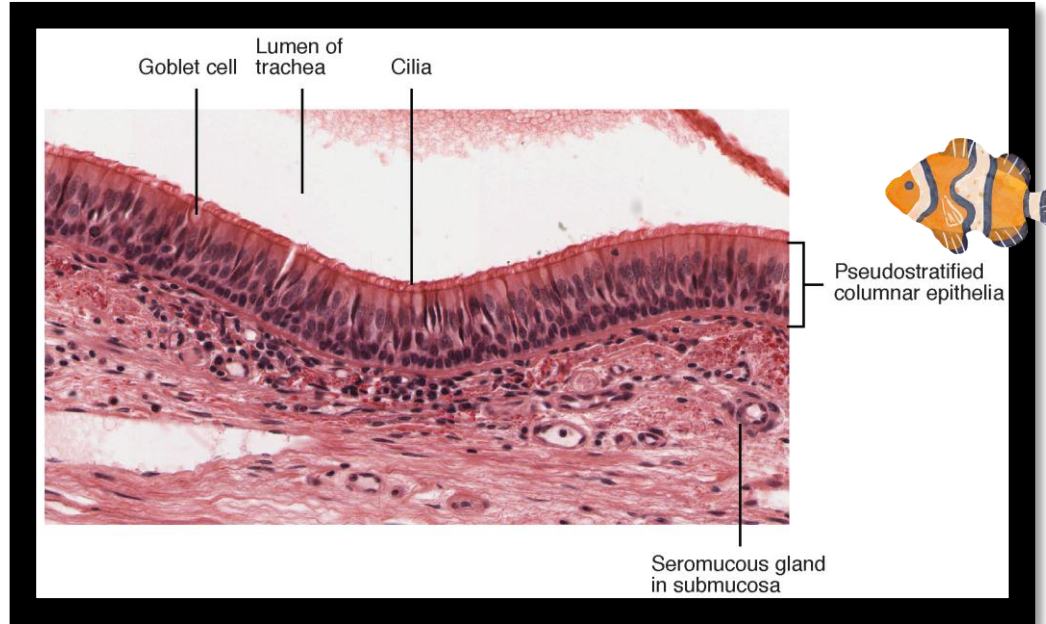
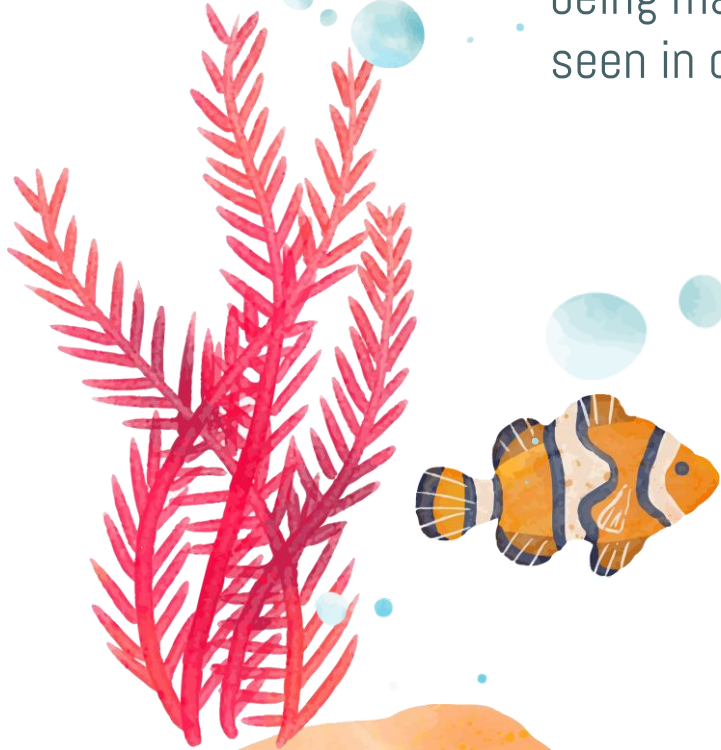
Bones that surround and protect your lungs and heart



# Tissues

## Pseudostratified columnar

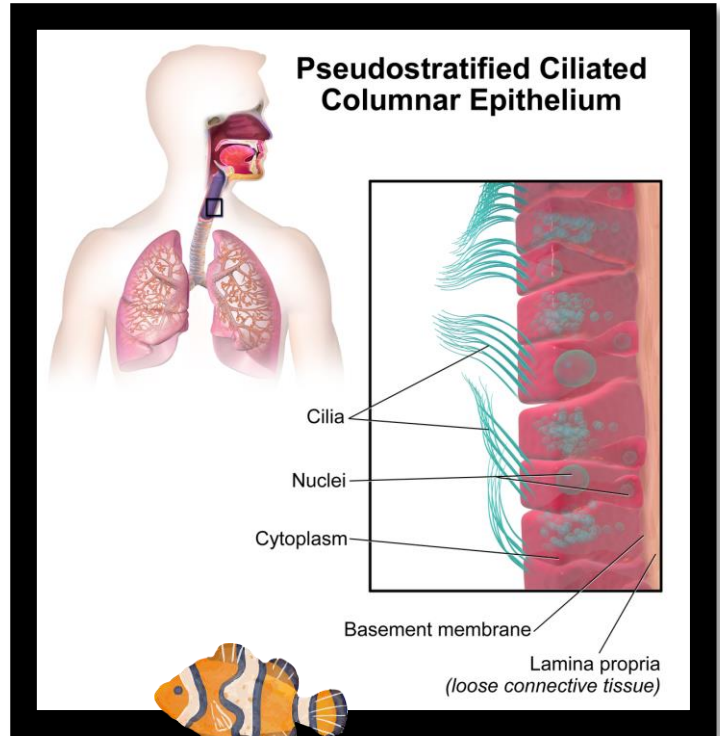
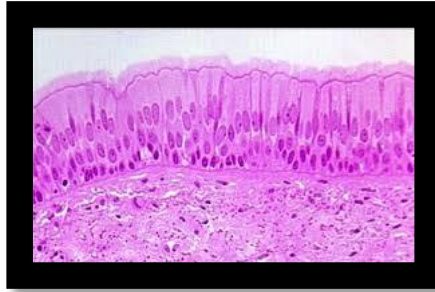
- Single layer of cells that give the appearance of being made from multiple layers, especially when seen in cross section.



# Tissues

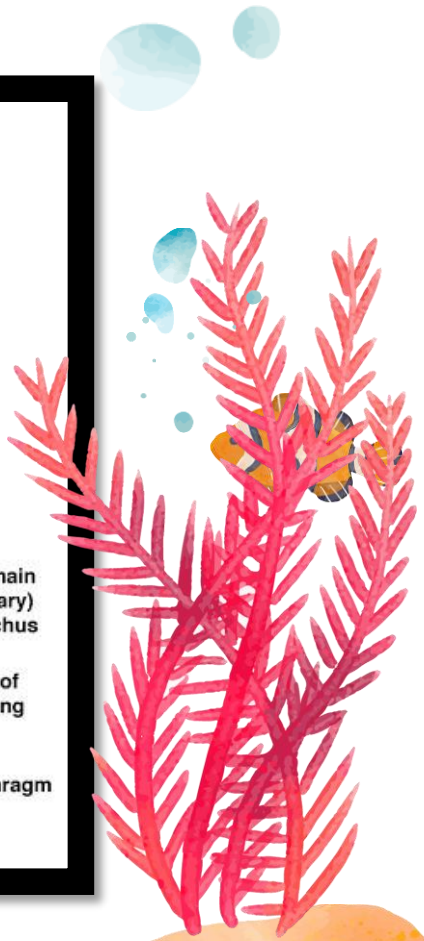
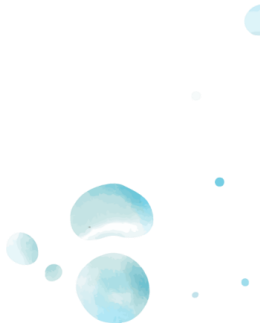
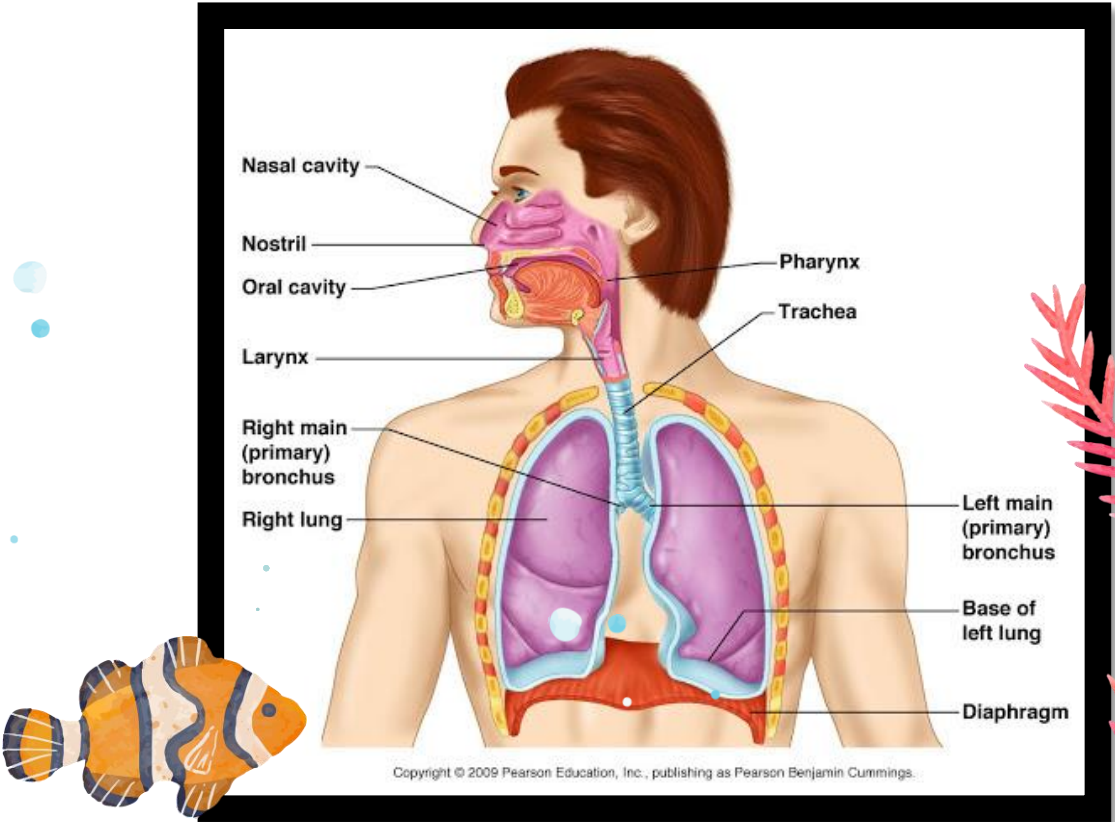
# Pseudostratified columnar

- Found in Trachea – Upper Respiratory Track





# Cavities..



# Nasal Cavity

The nasal cavity functions to allow air to enter the **respiratory system** upon **respiration**.



# Oral Cavity

The oral cavity represents the first part of the digestive tube. Its primary function is to serve as the entrance of the alimentary tract and to initiate the digestive process by salivation and propulsion of the alimentary bolus into the pharynx.

lips, teeth, tongue, oral mucosa and salivary glands.



# How to keep your Respiratory System Healthy



01

Avoid smoking

02

Stay Hydrated

03

Excercise Regulary

04

Wear masks



A collection of light blue bubbles of various sizes scattered on the left side of the slide.

# THANKS!

Thank you for your attention on our presentation. I hope you know something from our work





# CREDITS



These are the website we used as our references to our presentation.

- ◀ <https://www.cliffsnotes.com/study-guides/biology/biology/gas-exchange/human-respiratory-system>
- ◀ <https://my.clevelandclinic.org/health/articles/21205-respiratory-system>
- ◀ [https://accessdl.state.al.us/AventaCourses/access\\_courses/anatomy\\_ua\\_v17/05\\_unit/05-01/05-01\\_learn.htm](https://accessdl.state.al.us/AventaCourses/access_courses/anatomy_ua_v17/05_unit/05-01/05-01_learn.htm)
- ◀ <https://opentextbc.ca/anatomyandphysiology/chapter/22-1-organs-and-structures-of-the-respiratory-system/>
- ◀ <http://www.siuned.edu/~dking2/crr/rsguide.htm#:~:text=The%20conducting%20passageways%20of%20the,includes%20mucus%2Dsecreting%20goblet%20cells.>
- ◀ <https://www.lung.ca/lung-health/lung-info/respiratory-system>

