

[Video recording link](#)

# MODULE 7 L01

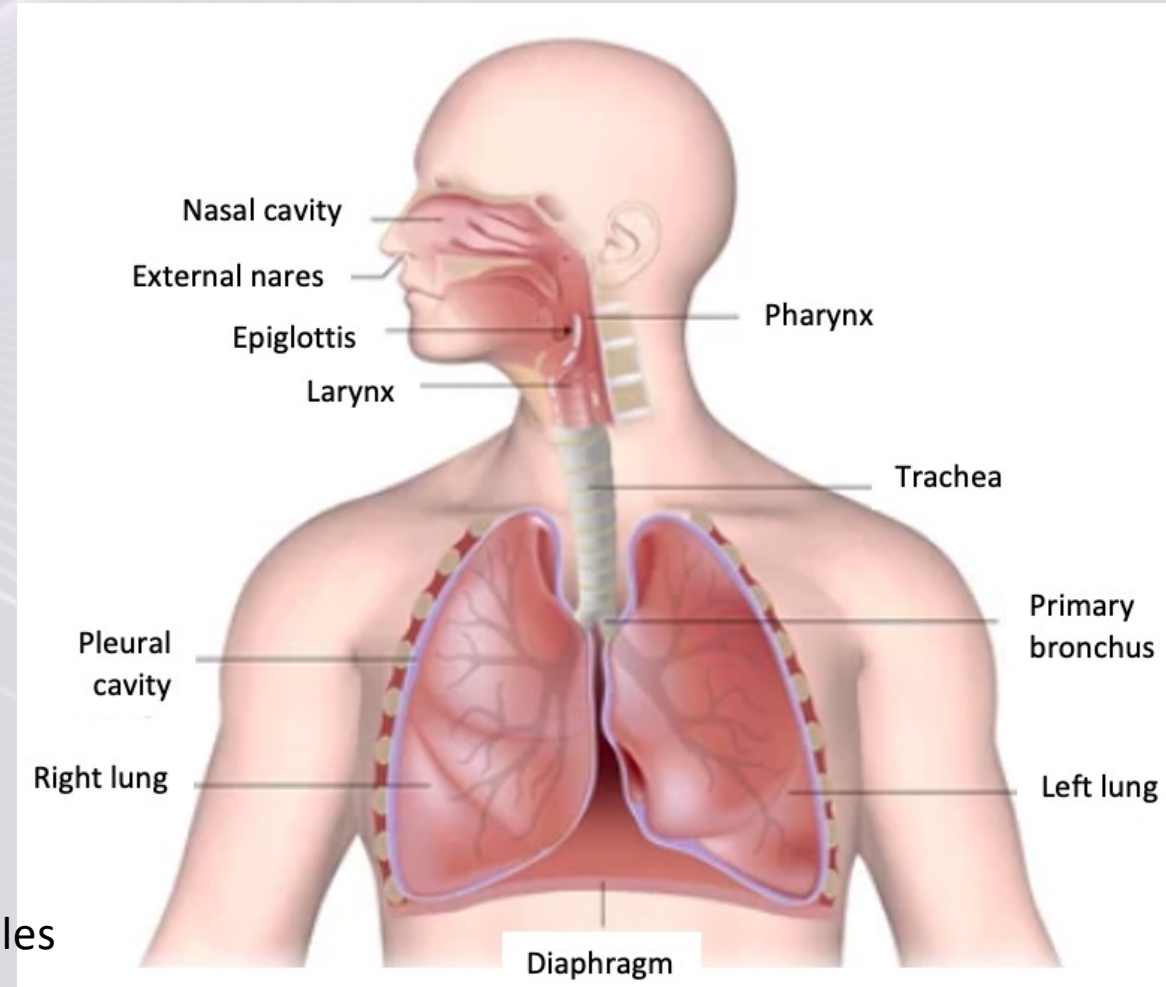
# Respiratory System Functions

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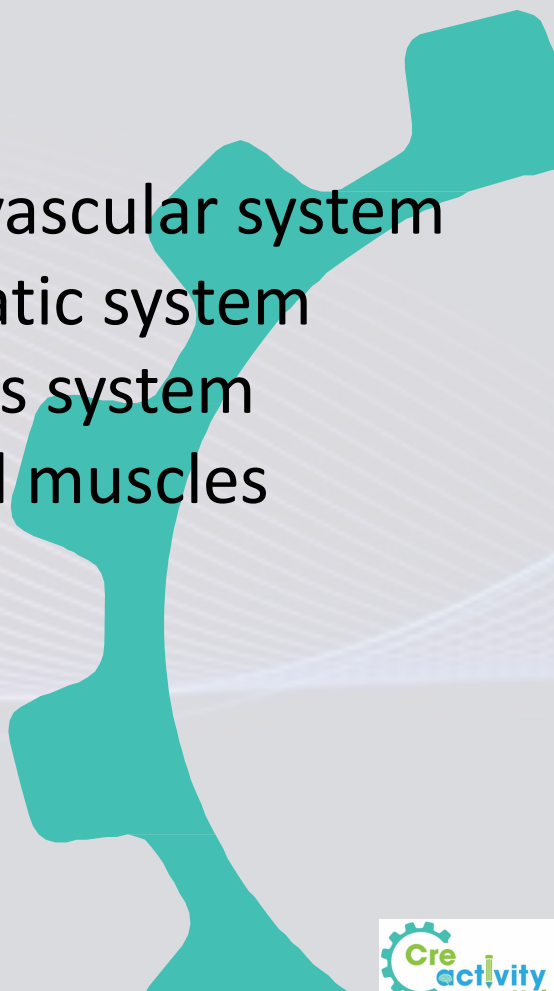
# 1. Overview of Respiratory System

- Nose
  - Nasal cavity
  - Paranasal sinuses
  - Pharynx
- } Upper respiratory system
- Larynx
  - Trachea
  - Bronchi
  - Lungs
- } Lower respiratory system
- Respiratory tract
    - a) Conducting portion
      - ❖ Nasal cavity → smallest bronchioles
    - b) Respiratory portion
      - ❖ Respiratory bronchioles and alveoli



# Functions of Respiratory System

1. Providing area for gas exchange
2. Moving air
3. Protecting respiratory surfaces
4. Defending system from pathogens
5. Producing sound
6. Assisting in regulation of:
  - Blood volume
  - Blood pressure
  - Body fluid pH



Cardiovascular system  
Lymphatic system  
Nervous system  
Skeletal muscles