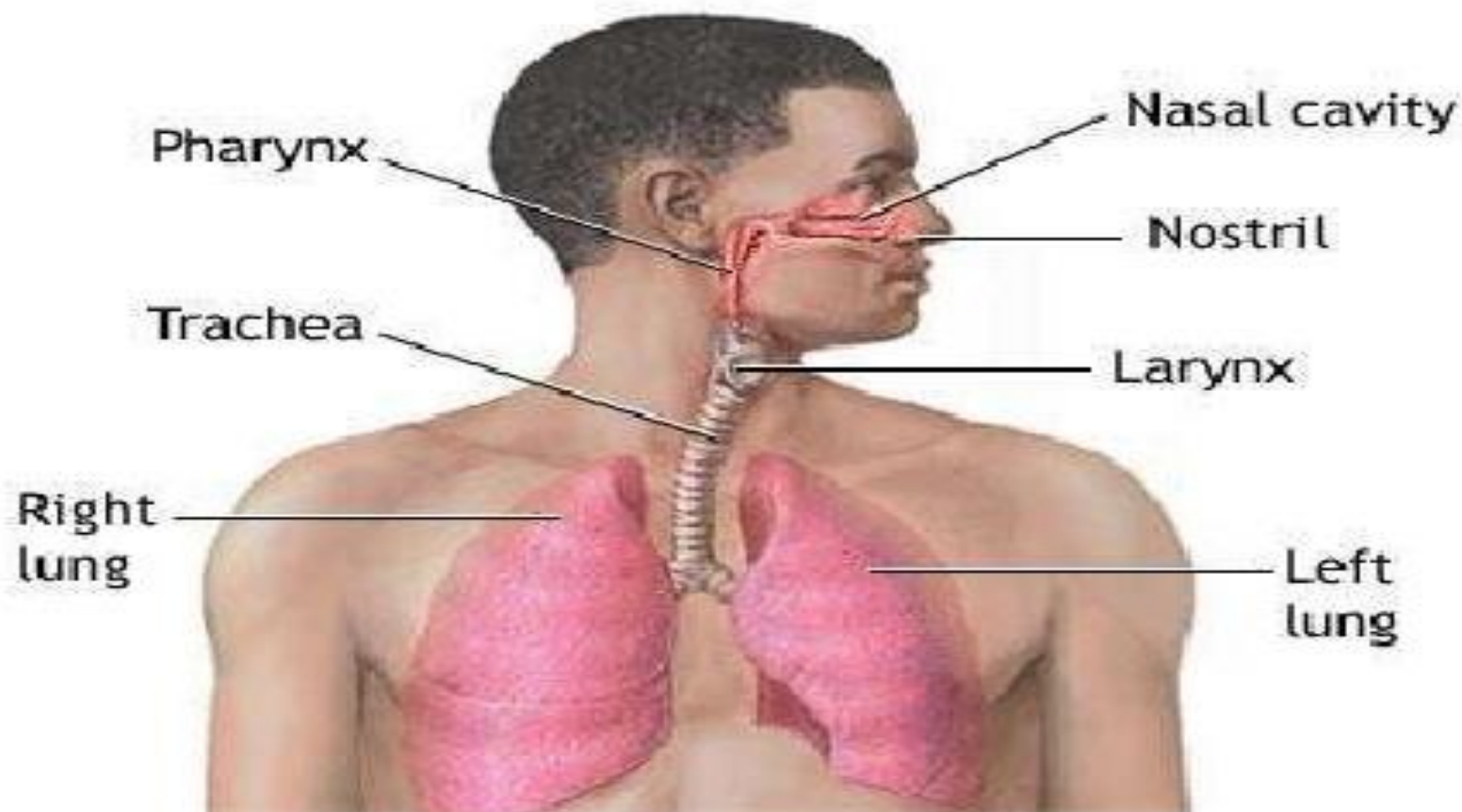


Ch. 3

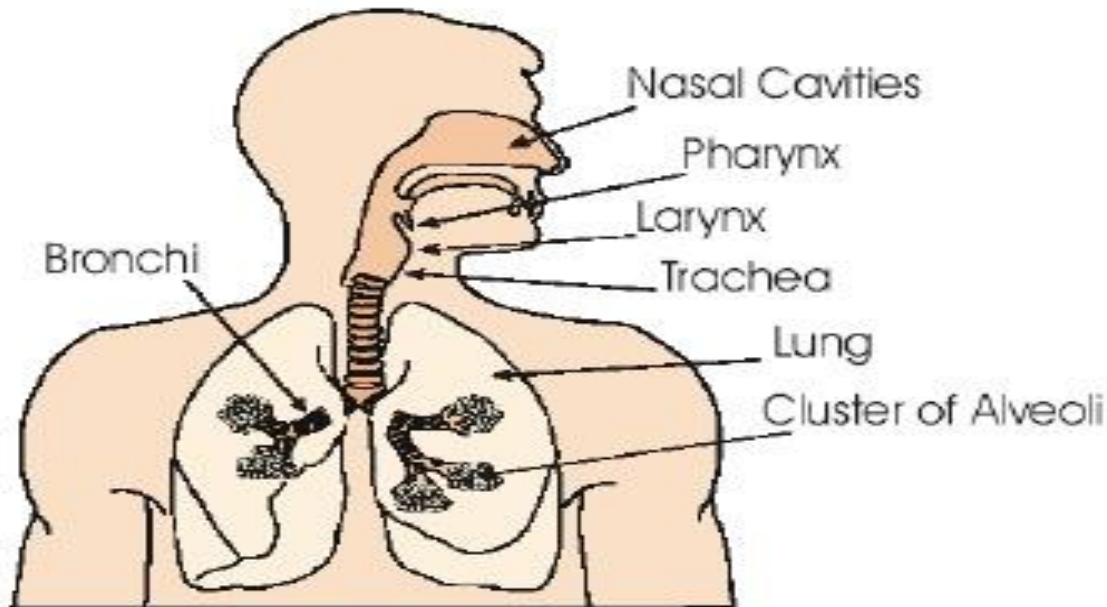
Lesson 2

What is the respiratory system?



respiratory system:

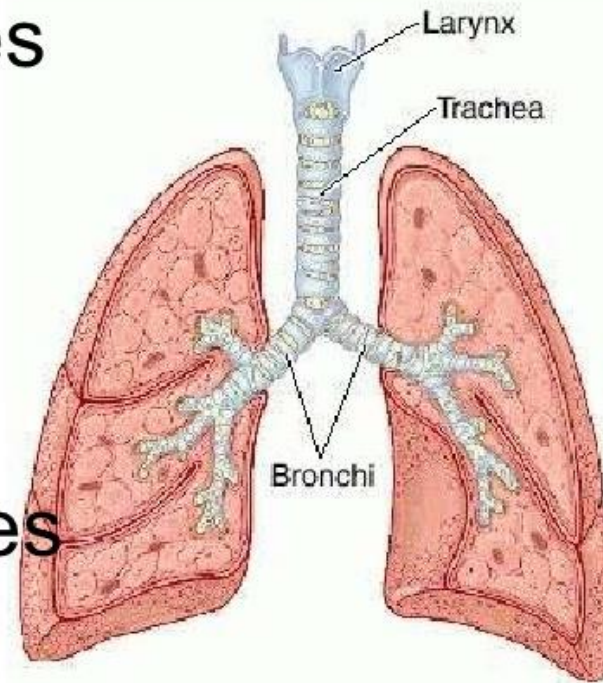
- Carries gases between outside air & blood
- Many parts coated w/ mucus=
sticky, thick fluid that traps
dust, germs & other things in air



What is the trachea? Jobs of the trachea?

trachea

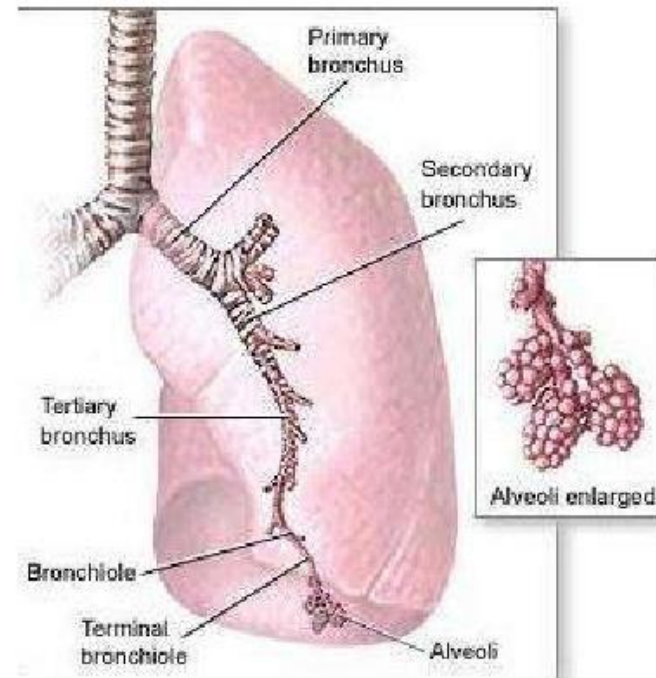
- tube that carries air from larynx → lungs
- leads to 2 branches (bronchi) → goes in lungs



What are the bronchioles?

bronchioles

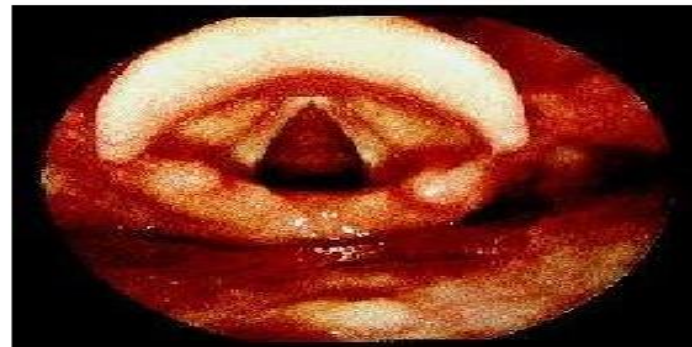
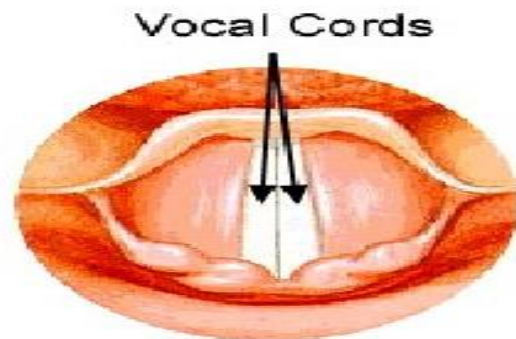
- small tubes in lungs



Do you remember what you read about the larynx?

larynx

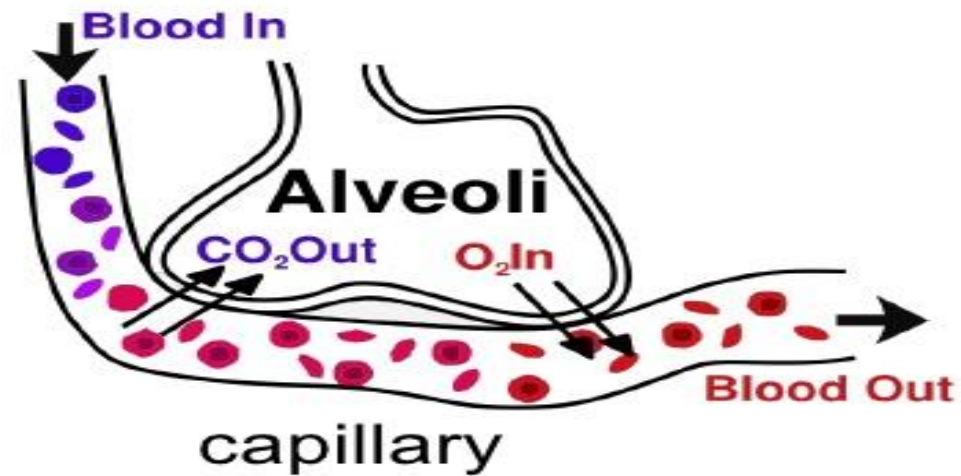
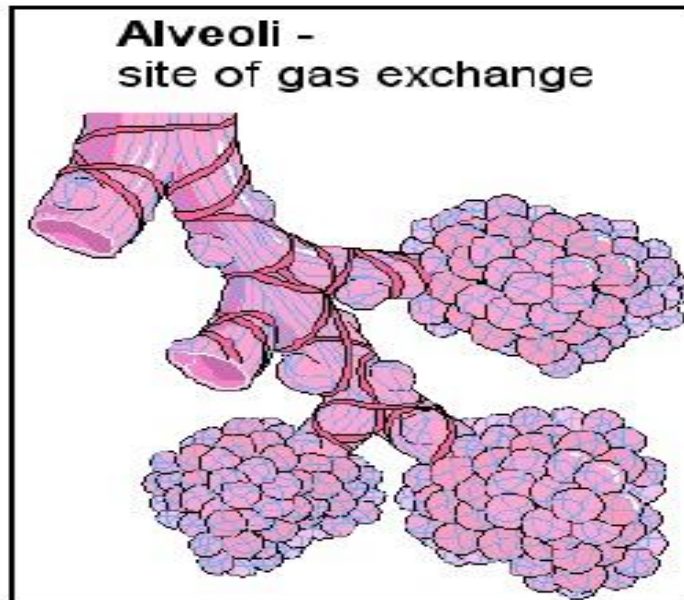
- vocal cords stretch across larynx
- voice = vocal cords vibrate



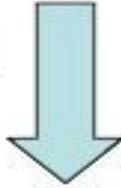
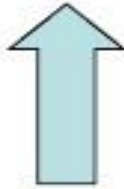
All about the air sacs.....

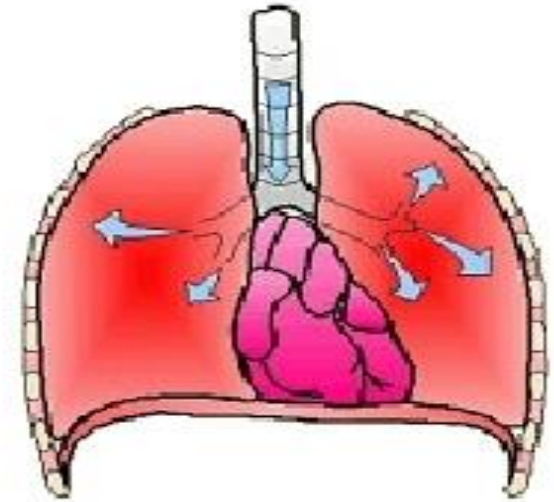
air sacs (alveoli)

- thin walled pouches in lungs
- oxygen enters blood & carbon dioxide leaves thru. capillaries



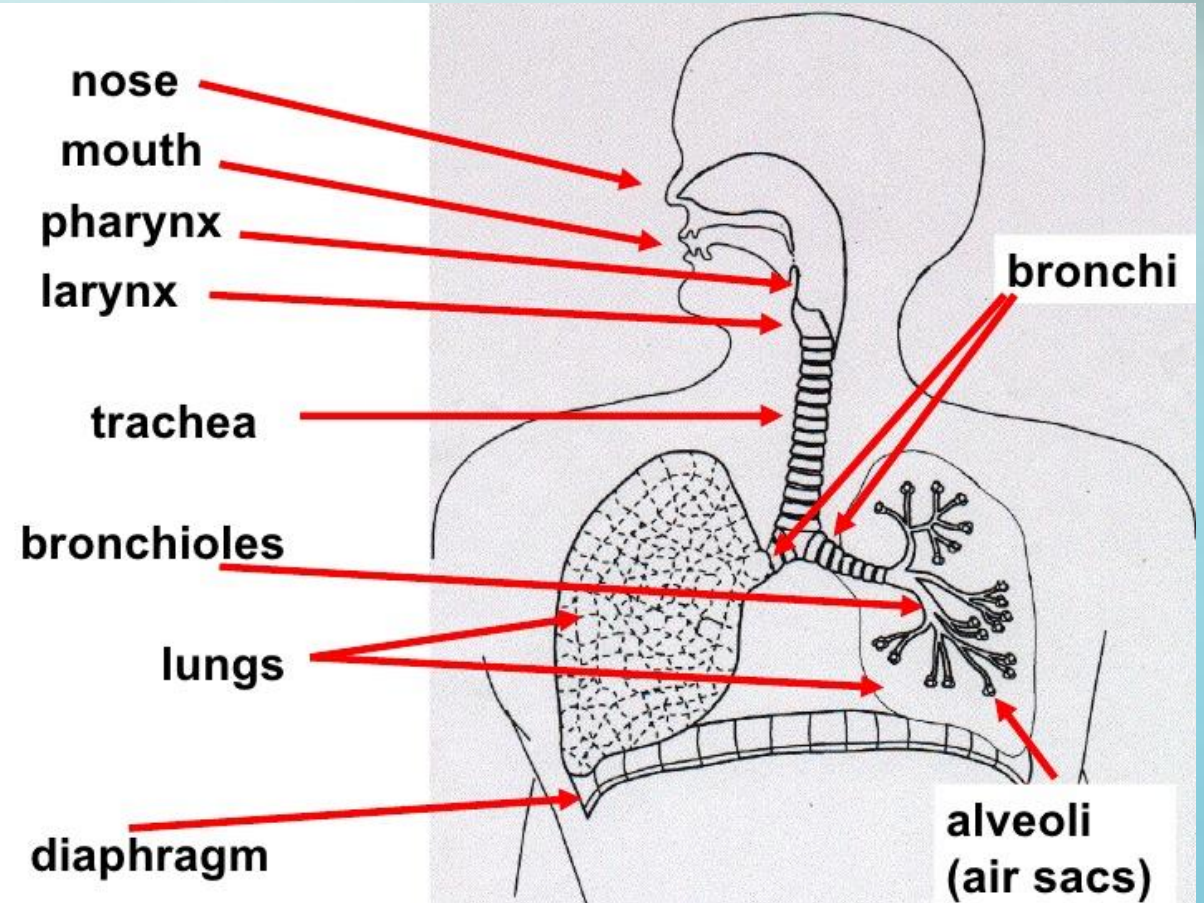
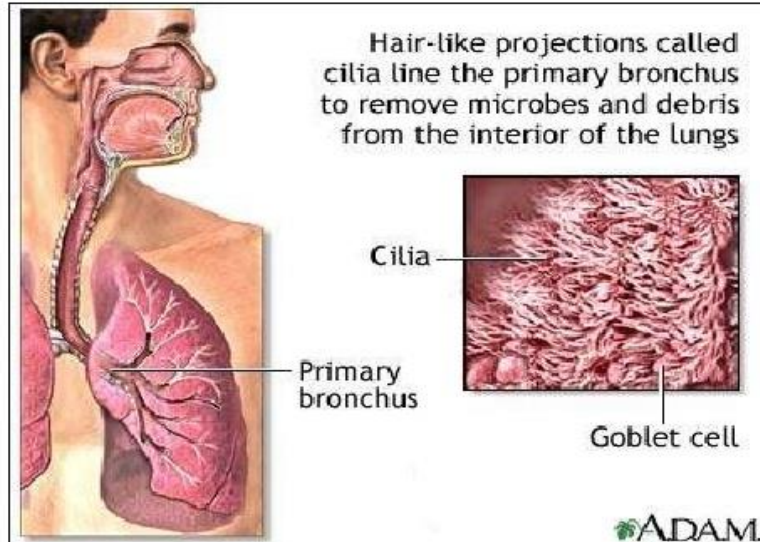
diaphragm

- dome shaped muscle that forms bottom of chest
- inhale (breathe **in**)- moves 
- exhale (breathe **out**)- moves 



cilia

- Tiny, hairlike structures on cells in linings of many parts of respiratory system



Did you know?

When you hold your breath, carbon dioxide builds in your blood.

Your brain senses this & sends a message to the diaphragm and rib muscles telling them to breathe.

