Respiratory System Lab
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Terminology
Utilizing your notes and textbook define:
- pulmonary ventilation
- external respiration
- internal respiration
- cellular respiration

Upper Respiratory System Structures

Utilizing the torsos and the larynx/trachea/lungs model:
Locate the major structures of the upper respiratory system and describe their functions
- nasal cavity
- pharynx
- larynx
- trachea
Utilizing the torsos and the larynx/trachea/lungs model:
Identify the lower respiratory system organs and describe their functions
• bronchi
• bronchioles
• alveoli

Respiratory System function overview
Create a flowchart to describe the pathway of oxygen from the air to body cells using the following structures: left ventricle, capillary, trachea, bronchi, pulmonary vein, arteriole, bronchiole, pharynx, larynx, alveolus, left atrium, aorta, artery
Air ➔ nostrils ➔ nasal cavity ➔

Bellows Lung demonstration
• balloons represent the _______ & the rubber bladder represents the _________
• Grasp the knob on the rubber bladder at the bottom of the apparatus
  o GENTLY pull the knob down to simulate _______ of the _________
    ▪ the balloons respond by __________
  o GENTLY push the knob up to simulate _________ of the _________
    ▪ the balloons respond by __________

FETAL PIG LAB ONE: Respiratory 1, Mouth, Pharynx & Thorax
FETAL PIG LAB TWO: Respiratory 2, Neck & Cardiovascular