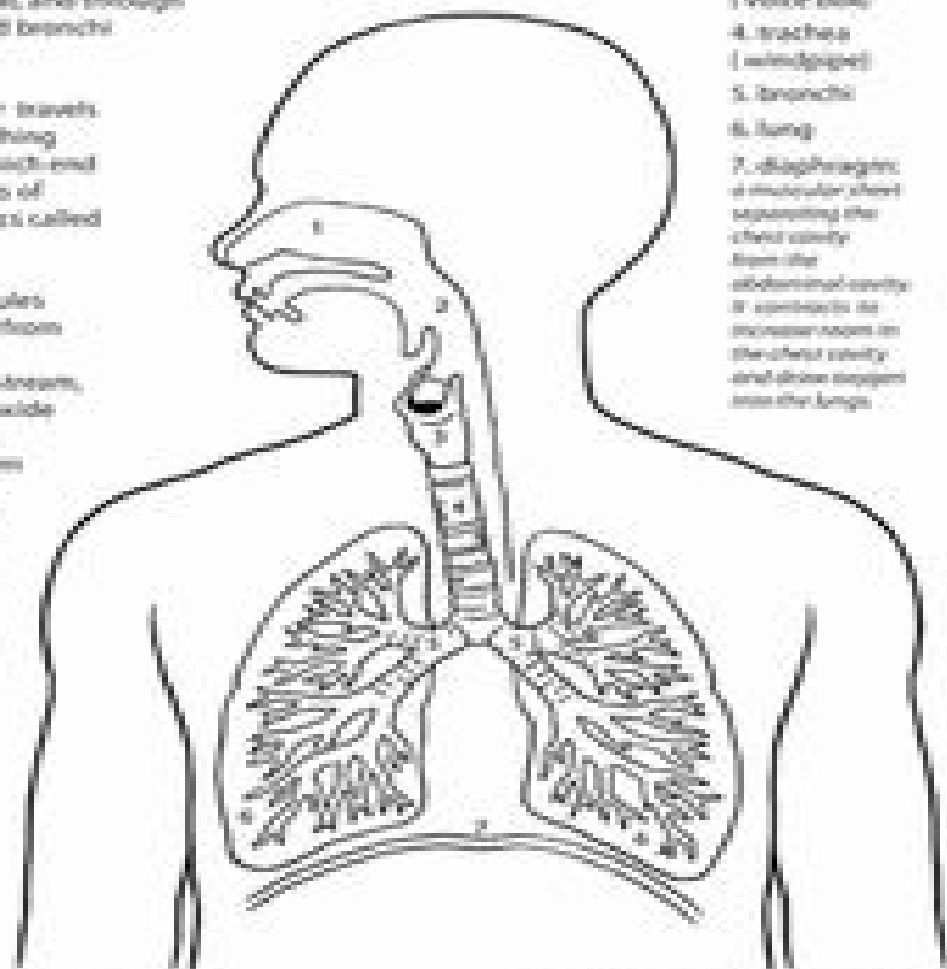


Respiratory System

During inspiration, air passes through the mouth and nose, down the throat, and through the trachea and bronchi to the lungs.

In the lungs, air travels through branching bronchioles which end in small clusters of microscopic sacs called alveoli.

Oxygen molecules are transferred from the alveoli into the bloodstream, and carbon dioxide moves out of the bloodstream and back into the respiratory tract where it is released through the mouth and nose during expiration.



1. sinus cavity

2. pharynx

3. larynx
(voice box)

4. trachea
(windpipe)

5. bronchi

6. lung

7. diaphragm:
a muscular sheet
separating the
chest cavity
from the
abdominal cavity
It contracts to
increase room in
the chest cavity
and draw oxygen
into the lungs