The Respiratory System

Use the words from the Word Bank to label the diagram of the respiratory system.

1. 
2. 
3. 
4. 
5. 
6. 
7.

Word Bank

- pharynx
- bronchial tube
- lung
- diaphragm
- epiglottis
- larynx
- trachea
Take a Deep Breath

Movement of air in and out of the lungs is mainly due to the contracting and relaxing of a large, involuntary muscle called the diaphragm on the floor of the chest cavity. When the diaphragm contracts, the area of the chest cavity enlarges, causing air to rush into the lungs to fill the space. This is called inhaling. When the diaphragm relaxes, the chest cavity shrinks and air is pushed back out of the lungs. This is called exhaling. The average person inhales and exhales almost 20,000 times every day.

Use the words from the Word Bank to label the parts of the respiratory system. Then, label each diagram as “inhale” or “exhale.” Some words will be used more than once.

Word Bank
relaxed diaphragm  inhale  lung
contracted diaphragm  exhale

Diagram:

1. 
2. 
3. 
4. 
5. 
6. 

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Human Body: Grades 4-6
The Respiratory System

Complete the crossword puzzle.

Across
2. respiratory organ; takes in and releases air
5. waste product given off in the gas exchange between air and blood in the alveoli
8. region behind the nose leading to the throat
9. to breathe in
10. voice box; contains the vocal cords
11. prevents food from entering the trachea

Down
1. group of tiny air sacs
3. the two branches of the trachea
4. a tube that carries air from the larynx to the lungs
6. sheet of muscle located between the chest and abdomen
7. to breathe out
12. colorless, odorless, tasteless gas that we breathe in