

Here are 10 puzzles about the respiratory system, ranging in difficulty. Enjoy!

Respiratory System Puzzles

Puzzle 1: Anagram

Unscramble the letters to find a key part of your respiratory system:

- **GNU LS**

Puzzle 2: Fill in the Blanks

Complete the sentence:

The _____ is a flap of cartilage at the root of the tongue, which is depressed during swallowing to cover the opening of the windpipe.

Puzzle 3: True or False

Determine if the following statement is true or false:

The diaphragm contracts during exhalation.

Puzzle 4: Riddle

I am a tiny air sac, where oxygen and carbon dioxide swap. What am I?

Puzzle 5: Odd One Out

Which of these is NOT directly part of the respiratory system?

a) Trachea b) Bronchi c) Esophagus d) Lungs

Puzzle 6: Word Search (Find the Hidden Word)

Look horizontally, vertically, or diagonally to find a common respiratory illness often associated with allergies.

N S A T H M A
O X Y G E N R
S T C O U G H
E A L V E O L I

Puzzle 7: Logic Puzzle

If you inhale, your diaphragm moves (up/down) and your rib cage moves (in/out).

Puzzle 8: Matching

Match the term to its function:

1. Pharynx
2. Larynx
3. Diaphragm

a) Voice box b) Throat c) Primary muscle of respiration

Puzzle 9: Numerical Sequence

Put these in the correct order of airflow during inhalation:

1. Bronchi
2. Trachea
3. Nose/Mouth
4. Alveoli
5. Pharynx

Puzzle 10: "What Am I?"

I am a branching network of tubes within the lungs, getting progressively smaller, ending in tiny air sacs. What am I?

Answer Key (No peeking until you're done!)

1. LUNGS
2. Epiglottis
3. False (It relaxes during exhalation)
4. Alveolus (or Alveoli)

5. c) Esophagus
6. ASTHMA
7. Down, Out
8. 1-b, 2-a, 3-c
9. 3, 5, 2, 1, 4
10. Bronchial Tree (or Bronchioles)