

The Path of Air

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Understanding the Respiratory System

Name: _____

Date: _____

Answer the questions below based on what you learned about the respiratory system.

1. What is the first place air enters when we breathe in?

- A. Lungs
- B. Bronchi
- C. Nose/Mouth

2. Explain how your body warms and filters the air before it reaches the lungs.

3. Air travels down the ____ after entering through the nose or mouth.

4. The alveoli are where gas exchange occurs in the respiratory system.

- True False

5. What do bronchioles help with in the respiratory system?

- A. Breathing in oxygen
- B. Transporting air to alveoli
- C. Filtering air

6. Why do you think God designed our respiratory system so intricately?

7. The process of air reaching the lungs includes branching into ____ and smaller bronchioles.

8. Air only enters the respiratory system through the mouth.

- True False

9. According to Genesis 2:7, what did God breathe into man?

- A. The breath of life
- B. Air
- C. Oxygen

10. What are the main stages air travels through the respiratory system?

Answer Key

1. Nose/Mouth 2. The body warms and filters air by using the nose hairs and mucus to trap dust and particles. The air is also heated as it passes through the nasal passages before reaching the lungs. 3. trachea 4. True 5. Transporting air to alveoli 6. God designed our respiratory system with great care to ensure we can effectively breathe and get the oxygen we need to live. It shows His wisdom in creating our bodies. 7. bronchi 8. False 9. The breath of life 10. Air enters through the nose or mouth, travels down the trachea, branches into bronchi, splits into bronchioles, and reaches the alveoli for gas exchange.