

Name _____

Smoke Signals: How Smoking Affects Your Respiratory System

Open-Ended Response Answer Key

1. Responses may vary but could include stories of individuals who quit smoking, noticed improvements in breathing, and experienced a better quality of life.
2. Secondhand smoke can negatively affect non-smokers, especially children, by increasing their risk of respiratory infections, asthma, and other health problems. Creating smoke-free environments is essential to protect their health.
3. Scientists researching the effects of smoking on the respiratory system may conduct experiments involving lung function tests, cell studies, and animal models to better understand the mechanisms involved.
4. Public awareness campaigns and educational programs play a crucial role in informing the public about the dangers of smoking. These initiatives can motivate individuals to quit smoking and prevent young people from starting this harmful habit.

