Oxygen

1. Approximately how many times do we breathe in each day?
2. Why do most cells in our body need oxygen?
3. What is ATP, and why is it important?
4. Why can't oxygen simply diffuse from the air directly to every cell in our body?
5. Which protein in red blood cells carries oxygen?
6. What role does iron play in transporting oxygen?
7. Where are red blood cells produced?
8. Why do red blood cells lose their nuclei as they mature?
9. How does the brain help control our breathing?
10. What happens to the diaphragm when we breathe in?
11. What are alveoli, and where are they found?
12. How does oxygen move from the alveoli into the blood?
13. Why do the lungs contain so many tiny air sacs?
14. What role does the heart play in delivering oxygen to the body?
15. What happens to oxygen when red blood cells reach tissues that need it?