

Name _____

Magnetic Marvels: The Inner Workings of Magnets

Open-Ended Response Questions

1. Imagine you are a scientist explaining how magnets work to a group of young students. How would you make the topic engaging and easy to understand for them?
2. Reflect on the historical development of our understanding of magnets, from their discovery to their practical applications today. How have magnets influenced human progress and technology?
3. Investigate the role of magnets in advanced technologies, such as magnetic levitation trains and magnetic resonance imaging (MRI). How do these technologies demonstrate the power of magnets?
4. Discuss the ethical considerations related to the use of magnets in technology and everyday life, including issues of privacy and environmental impact. What responsibilities do individuals and companies have in using magnets responsibly?

