

Name \_\_\_\_\_

## A Guide to Unraveling Mysteries

### Open-Ended Questions

1. Imagine you're a scientist trying to investigate why certain birds migrate during the winter. Describe how you would apply the scientific method to answer this question.
2. Discuss a time when the scientific method led to a groundbreaking discovery or invention. How did the process of scientific inquiry contribute to this achievement?
3. Explain the importance of forming a hypothesis that can be tested in the scientific method. Provide an example to illustrate your point.
4. Share your thoughts on how the scientific method can be applied to everyday life, even if you're not a scientist by profession.

