

Name \_\_\_\_\_

## The Importance of the Scientific Method

### Open-Ended Questions

1. Imagine you have a pet dog, and you want to find out what type of food they prefer. How could you use the scientific method to answer this question?
2. Discuss a situation where the scientific method was used to make a significant discovery in history or modern times. What was the discovery, and how did the scientific method play a role?
3. Explain the difference between a hypothesis and a conclusion in the scientific method, using examples to illustrate each concept.
4. In your opinion, why do you think it's important for students to learn about the scientific method, even if they don't plan to become scientists in the future?

