

Name _____

A Guide to Unraveling Mysteries

Multiple-Choice Questions

1. What is the scientific method?

- a) A random process scientists follow
- b) A systematic approach to investigating scientific questions
- c) A secret code used by scientists
- d) A type of treasure map

2. What is the first step of the scientific method?

- a) Analyzing data
- b) Conducting experiments
- c) Asking a question
- d) Drawing conclusions

3. What is a hypothesis?

- a) A random guess
- b) An uneducated guess
- c) A fact
- d) An educated guess that can be tested

4. Why is sharing results an important step in the scientific method?

- a) It's not important
- b) Scientists want to keep their discoveries a secret
- c) It helps other scientists learn from their work
- d) It's a way to show off

5. What is the main purpose of conducting experiments in the scientific method?

- a) To test the hypothesis and collect data
- b) To prove that the scientist is always right
- c) To make a mess in the lab
- d) To have fun

