

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Think Like a Young Scientist: Your 2nd Grade Lab Report Journey

Students predict results and organize observational data by analyzing a curious mystery involving ice cubes and fuzzy socks.

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**1. Imagine you see a mushroom growing in a garden. What is the first thing a scientist does to start an investigation?**

- A. Throw the mushroom away
- B. Ask a question about how it got there
- C. Clean the garden tools
- D. Draw a picture of a flower instead

**2. A hypothesis is a 'best guess' or prediction that you can test with an experiment.**

- A. True
- B. False

**3. Maya wants to know if ants like sugar or salt more. She places both on the ground. The act of checking on the ants every 10 minutes is called \_\_\_\_\_.**

- A. Sleeping
- B. A Conclusion
- C. Observation
- D. A Guess

**4. Leo is testing which ball bounces highest: a tennis ball or a golf ball. To make it a 'fair test,' what should he do?**

- A. Drop them from the same height
- B. Throw them at different times
- C. Use two different rooms
- D. Drop the golf ball onto a pillow

**5. After finishing his experiment, Sam writes a sentence saying his hypothesis was right. This final step is called a \_\_\_\_\_.**

- A. Question
- B. Material
- C. Data Tool
- D. Conclusion

**6. If an experiment shows your hypothesis was wrong, you have failed as a scientist.**

- A. True
- B. False

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**7. Which of these is a piece of DATA that you could record in a chart?**

- A. The plant looks happy
- B. The plant grew 3 inches
- C. The plant is named George
- D. The plant is my favorite color

**8. Before starting a new experiment about magnetism, a scientist should read books to see what others found. This is called \_\_\_\_\_.**

- A. Research
- B. Cleaning
- C. Finishing
- D. Testing

**9. Scientists must share their results with others so move science forward.**

- A. True
- B. False

**10. You want to find out if a heavy rock sinks faster than a marble. What is the BEST way to find out?**

- A. Ask a friend what they think
- B. Guess that the rock is faster
- C. Wait for it to rain
- D. Conduct an experiment in a tub of water