

Drawing Conclusions Review

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Understanding the Scientific Method

Name: _____

Date: _____

Answer the following questions based on our lesson about drawing conclusions in science.

1. What makes a good scientific conclusion?

2. Why is evidence important in drawing conclusions?

- A. It helps us have fun
- B. It shows what we believe
- C. It is based on observable facts

3. Personal opinions can be considered scientific conclusions.

True False

4. A strong conclusion is based on _____, not opinions.

5. How can we tell the difference between an opinion and a fact?

6. What should we base our conclusions on according to Proverbs 18:15?

- A. Feelings
- B. Observations
- C. Knowledge

7. Drawing conclusions is important for understanding God's creation.

True False

8. The heart of the discerning acquires _____, according to Proverbs 18:15.

9. Why do we need to develop critical thinking skills?

10. What type of data did we use in our Evidence Detective activity?

- A. Paper towel experiment data
- B. Weather data
- C. Animal data

Answer Key

1. A good scientific conclusion is based on evidence and observations, not just personal opinions. 2. It is based on observable facts 3. False 4. evidence 5. An opinion is what someone believes, while a fact is something that can be proven with evidence. 6. Knowledge 7. True 8. knowledge 9. We need critical thinking skills to analyze data and make informed decisions that respect God's design. 10. Paper towel experiment data