

Review of God's Variety: Data Collection Project

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Understanding Data and Line Plots

Name: _____

Date: _____

Answer the following questions based on what you learned about collecting data and God's creation.

1. What is the first step in the data collection process?

- A. Collecting data
- B. Organizing data
- C. Measuring objects

2. We use line plots to represent ____ data visually.

3. How does measuring objects help us understand God's design? Give at least two reasons.

4. Scientists do not use data collection in their studies.

- True False

5. Which verse highlights God's creativity in His works?

- A. Genesis 1:1
- B. Psalm 104:24
- C. John 1:3

6. By observing patterns in nature, we can appreciate God's ____ design.

7. Line plots can help us organize our data in a clear way.

- True False

8. What was one activity you did to collect data in this lesson? Describe it briefly.

9. What type of objects did we measure in our activity?

- A. Flowers
- B. Leaf lengths
- C. Animal sizes

10. Data collection is only useful in math, not in science.

- True False

Answer Key

1. Measuring objects 2. numerical 3. Measuring objects helps us see the variety in creation and appreciate the details God put into each one. It also helps us notice patterns in nature. 4. False 5. Psalm 104:24 6. diverse 7. True 8. I measured the lengths of different leaves and recorded the sizes. Then, I created a line plot to show the data visually. 9. Leaf lengths 10. False