Grade: Grade 7 · Mathematics

Data Modeling & Graphs Lab

Focus: Data · Graphing · Statistics

1. Record your study hours for a week.

2. Draw a bar graph showing your data.

3. Identify the day with the highest value.

4. Find the mean of your data set.

5. Find the range of your data.

6. Write an observation about the pattern.

7. Identify two days with similar values.

8. Add one more data point and recalculate the mean.

9. Create a line graph of your results.

10. Describe whether the trend is increasing or decreasing.

Tutoring Tip:

Link graphs to real-life examples like exercise or screen-time tracking.