

## Line Plot Project

This week our focus has been to analyze data in fluency tables and on line plots. For homework you are going to:

- collect data (minimum of 7 values)
- organize the data into a fluency table
  - title
  - variables labeled
- graph the data on a line plot
  - title
  - matches fluency data
  - appropriate range
- analyze your data
  - answer all the questions (You may use a calculator to calculate the mean.)
  - write the answer in a complete sentence
  - the answers correctly reflect the data

Your completed project will be **due December 3.** I will be grading your line plot on the accuracy and completeness of the steps above. Below are some suggestions, but feel free to come up with your own creative question!

- Hours of TV watched
- Time spent on the computer
- Time spent reading
- Food preferences
- Number of hours slept
- Favorite type of music
- Daily temperature

## Analyzing My Line Plot

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

Using the *data you collected* answer the following questions.

1. What was the range of the data?
2. What was the median of the data?
3. What was the mode of the data?
4. What was the mean of the data?
5. How can analyzing this data help you and others in the future?