My

Field Study

(without variables)

Journal

Grades 3-5

Name: _____ Grade: _____

School: _____

Teacher: _____

MY ORIGINAL WONDERING:

BACKGROUND KNOWLEDGE ON TOPIC:

SCIENCE RESEARCH QUESTION:

PREDICTION:

Identify the outcome that you think will most likely occur. Provide reasons that led you to your prediction.

SET-UP CONDITIONS/CONSTANTS/CONTROLS:

List all materials and procedures that will remain constant to ensure fair testing.

MATERIALS:

List all materials that will be used including size, quantity and descriptions such that others could duplicate your field study.

FIELD STUDY PROCEDURES:

List step-by-step directions in the exact order it was done so that it can be duplicated.

DATA COLLECTION TABLE:

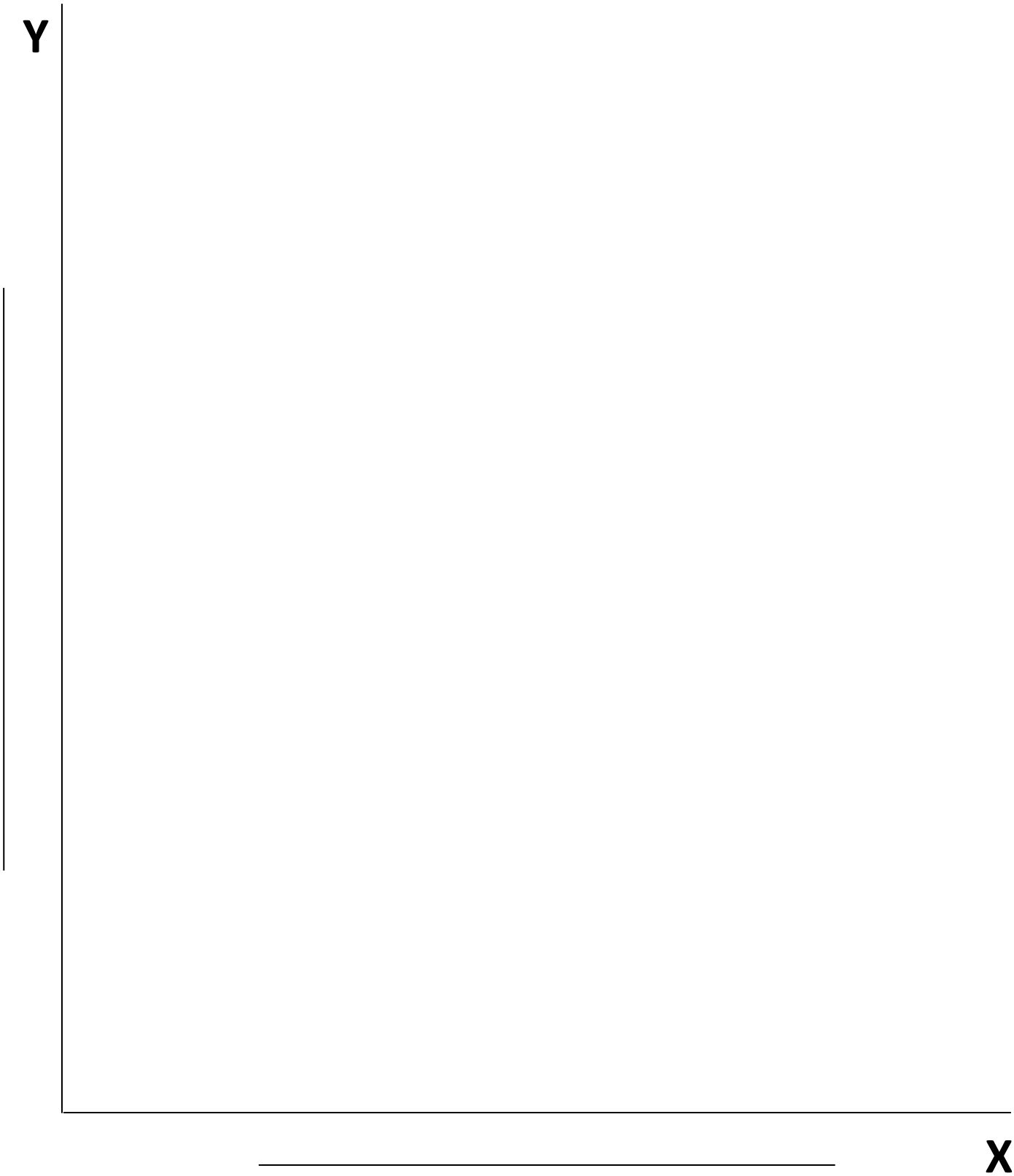
Data is organized in a chart form. As you collect data, look for trends.

Date	Time	Observations

GRAPH:

Create a mathematical picture of the data. Plot the <u>averages</u> of each group of data. Remember to label the graph.

Title: _____



RESULT STATEMENTS:

Record mathematical statements based on your analysis of the data collection/graph. What does the data show? Provide at least three statements.

FIELD STUDY EXPLANATION:

Summarize your findings. Explain whether or not your prediction was correct using evidence from your findings.

REAL WORLD USES:

Describe ways, places, or situations where the information from your field study might be useful. Provide at least three examples.

Scientific Observations:

Record daily reflections on the experiment process. What are you working on? What observations are you making? What is going well? How are you overcoming barriers?

Date	Reflections