# Introduction to Graphing

Student Name

Date

## Photos

## Photo 1

Insert a photo of your hand-drawn graph, completed in step 18 of Activity 1, then delete this text.

The following should be visible/indicated in this photo:

* Your name and the date
* Data plotted for wheat plant 1, 2, and 3
* Axis labels with units
* Graph title
* Key or legend
1. Describe the results of this experiment.

## Photo 2

Insert a photo of your hand-drawn graph, completed in step 19 of Activity 1, then delete this text.

The following should be visible/indicated in this photo:

* Your name and the date
* Data plotted for rye plant 1, 2, and 3
* Axis labels with units
* Graph title
* Key or legend
1. If you wanted to compare the data in Activity 1 to the data in Activity 2, how might you do this?

## Data

Data Table 1

| **Wheat Plant Trendline** | **Equation** |
| --- | --- |
| Wheat Plant 1 trendline equation |  |
| Wheat Plant 1 trendline corrected |  |
| Wheat Plant 2 trendline equation |  |
| Wheat Plant 2 trendline corrected |  |
| Wheat Plant 3 trendline equation |  |
| Wheat Plant 3 trendline corrected |  |

1. Based on the corrected trend lines, which wheat plant grew fastest?
2. Why do you set the y-intercept to 0?