

# Science Project—Second Nine Weeks

## Results—Due Friday, October 14—Lab Grade

It is important to display your results in a meaningful way. Your results should include

- (1) photographic evidence of your experiment,
- (2) clearly labeled tables of data, and
- (3) clearly labeled graphs.

You should have a table and graph for each trial of your experiment AND a table and graph for the averages of your trials. If you are unsure of the best way to display your results, see your teacher well in advance of the due date. All graphs should be made using graph paper, or preferably a computer graphing program such as Excel.

If you are working with humans, you should discuss with your teacher what kind of photographic evidence you will include. You must have written permission to include pictures of people other than yourself.

<b>Photographic Evidence</b>	No pictures are included.  0		Pictures are included, but they do not relate to completing the experiment.  10	Appropriate pictures of the results of the experiment are included.  15
<b>Data tables for each trial</b> Each table should have a title, each column should be labeled and include appropriate metric units	Data tables for each trial are not included.  0	Data tables are included, but they do not give any meaningful information.  10	Data tables are included, but they are lacking enough identifiers to be easily understood.  15	Data for each trial is included; each table has a title; each column has an appropriate heading; all units are identified; metric units are used  20
<b>Graphs for each trial</b> Each graph should have a title, each axis should be properly labeled and include metric units.	Graphs for each trial are not included.  0	Graphs are included, but they do not give any meaningful information.  10	Graphs are included, but they are lacking enough information to be easily understood.  15	An appropriate graph for each trial is included; each graph has a title; axes are labeled; units are identified; metric units are used.  20
<b>Summary data table</b> The information from each trial should be averaged and displayed in a labeled table.	A summary data table for the average all trials is not included.  0	A summary data table is included, but it does not give any meaningful information.  10	A summary data table is included, but it is lacking enough identifiers to be easily understood.  15	A summary data table is included; the table has a title; each column has an appropriate heading; all units are identified; metric units are used  20
<b>Summary graph</b> The average of your trials should be displayed in one properly labeled graph.	A graph of the average of the trials is not included.  0	A graph is included, but it does not give any meaningful information.  10	A graph is included, but it is lacking enough information to be easily understood.  20	An appropriate graph of the average of the trials is included; the graph has a title; axes are labeled; units are identified; metric units are used.  25
<b>Total</b>				