Bridges to Advanced Algebra          Graphing Stories Project

On the last couple of slides of Desmos: Graphing Stories, you were asked to create your own videos that could be used to create a graph. In this project, you will be using these videos (or you can create another one).

Your project will be a submission on Google Classroom (you can use the present tool or google doc) that includes the following:

- Your video with a description of the two variables that you are measuring in the video.

- An accurate graph of the relationship between the two variables in the video including a discussion of which variable is the independent variable and which is the dependent variable (you can create the graph in desmos or draw it by hand -- see http://learn.desmos.com/graphing/).

- A description of how the graph is increasing, decreasing and/or remaining constant in the context of the video.

- A discussion of the appropriate domain and range of the function representing the graph and what the domain and range tell you about the video.

- A description of at least one equation that could be solved using the graph and what the solution to this/these equation(s) tells you about the video.

Grading Rubric:
- A = All required elements are complete and accurate. Graph matches the measured quantity in the video. Analysis of the graph is complete and correct. Work is highly proficient.

- B = All required elements are complete and mostly accurate. Graph somewhat matches the measured quantity in the video. Analysis of the graph is mostly correct. Work is proficient.

- C = Most required elements are complete and mostly accurate. Graph somewhat matches the measured quantity in the video. Analysis of the graph is mostly correct. Work is proficient.

- D = Most required elements are missing or inaccurate. Graph barely resembles the measured quantity in the video. Analysis of the graph is incorrect or missing. Work is below proficient.

- F = Most or all required elements are missing. Graph and analysis barely resemble the video. Work is not proficient.