

MPM 1D Learning Goals & Success Criteria
Unit 2 – Representing Data (and a bit of BEDMAS)

Learning Goals:	
<ul style="list-style-type: none"> I will be able to identify relationships, describe trends and make accurate predictions. (LR1) I will be able to demonstrate an understanding of linear relations and draw lines and curves of best fit. (LR2) I will be able to make connections between various representations of linear relations. (LR3) I will be able to simplify numeric expressions. (NA2) 	
Success Criteria	
<ul style="list-style-type: none"> I can simplify numerical expressions involving integers and rational numbers, with and without the use of technology. I can interpret the meanings of points on scatter plots or graphs that represent linear relations, including plots in more than one quadrant. I can pose problems, identify variables, and formulate hypotheses associated with relationships between two variables. I can describe trends in data. 	<ul style="list-style-type: none"> I can construct scatter plots, and lines or curves of best fit for linear and non-linear relationships. I can identify properties of linear relations and apply these properties to classify relations. I can determine values for a linear relation using a table of values, equation, or by interpolating/extrapolating from the graph. I can describe a situation that would explain the events illustrated by a given graph of a relationship between two variables.
Test Information:	
<p>Your test date is listed below. You will have 90 minutes to complete it. The more prepared you are, the less of an issue time becomes. Remember to STUDY the vocabulary!</p> <p>Cohort A – Monday, December 8th Cohort B – Tuesday, December 9th</p>	
<p>There is a more detailed test outline below. Please refer to that while you study. To study:</p> <ul style="list-style-type: none"> Review your notes while you complete some form of review organizer/study note. Try to connect the learning goals and success criteria to specific types of questions!! Redo your quizzes and the examples from the notes on your own. Correct your handouts. Remember that I have the solutions posted in the room. Think critically about your mistakes so that you understand what went wrong! Complete the review handout and suggested text questions. 	
Questions to Expect	<ul style="list-style-type: none"> State the opposite of a hypothesis. Identify data as primary or secondary and explain your thinking. Multiple choice – identify the population and the sample. Stratified sample – REVIEW YOUR 1st QUIZ!! Short answer question asking you to explain some of the new vocabulary learned.
	<ul style="list-style-type: none"> Create a scatter plot, identify the independent and dependent variables, draw a line of best fit, estimate values using the line of best fit, and describe the relationship. Identify relationships as linear, non-linear, strong, weak, positive, negative and draw lines/curves of best fit. Create a distance – time graph. Match stories to DT graphs. BEDMAS question with fractions/integers
<p>Suggested Review: Review Handout, Extra BEDMAS handouts, p. 37 #7, 9, 11</p>	
<p>Notes: Please study. Do the review, but more importantly review your notes & quizzes, make notes, etc. If you have questions please message me on Edsby any time before 7 pm the night before your test and I am happy to help! We have a whole week of virtual classes where we will be working on Unit 3, so make sure that you set some time aside to review these concepts as well!</p>	