UNIT 6 (chapter 5)– GRAPHICAL MODELS

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| Date | Topic | LEARNING GOALS  By the end of today I will be able to... | Practice |
| Fri. Nov. 27 | Review linear, quadratic and exponential relations 5.1 Trends in Graphs | Review concepts learned in gr. 11 about the three graphical models  Describe the trends in graphs | p. 273 #1,2,3,4,5,6,9,10  Bonus Question p. 277 #13 |
| Mon. Nov. 30 | 5.2 Rate of Change | Calculate and explain the meaning of the rate of change in a graph | p. 284 #2,3,5,6,7,8,9 |
| Tues. Dec. 1 | 5.3 Linear Models  Refresh on how to enter scatter plots and Linear Regression into TI-84 (p. 291/292) | Determine the equation of a line of best fit  Describe the relation | p. 293 #1,2,3,4,5,6,13 |
| Wed. Dec.2 | 5.4 Quadratic Models  Handout-in class assignment | Recognize a quadratic relation  Determine the formula of a quadratic relation | p. 303 #1,2,3,4,5,7,9,12 |
| Thurs. Dec. 3 | **MSIP ASSIGNMENT (DUE Fri. May 15)**  Will need TI84  handout | Demonstrate my understanding of linear and quadratic models | Work period in class  handout |
| Fri. Dec. 4 | **Liner and Quadratic Quiz**  5.5 Exponential Models  Show exponential regression p. 314 | Determine if a relation is exponential  Determine the equation of an exponential graph | p. 315 #1,2,3,4,5,6,7,8,11 |
| Mon. Dec. 7 | 6.7 Exponential Models  (Algebraically) | Apply exponential models | Handout |
| Tues. Dec. 8 | **MSIP assignment due today**  **Quiz - Exponential**  5.6 Selecting a Regression Model  TI84  In pairs complete investigate p. 319 | Determine which model best fits a set of data | p. 323 #1a,2a,3a,5,6,8,12  Bonus Question p. 326 #14 (include regression equations) |
| Wed. Dec. 9 | 5.7 Applying Trends in Data  In pairs complete p. 328 – 330 (#1-4) | Explain trends in data | Ensure p. 328 #1-4 is complete |
| Thurs. Dec. 10 | Take up assignments  Review Study Guide p. 331 | Consolidate my understanding of graphical models | Review  p. 332-335 |
| Fri. Dec. 11 | Ch. 5 TEST | Demonstrate my understanding of graphical models |  |