Day	Lesson	Practice Assignment	Done ✓
1	1. Trends in Graphs	Worksheet	
2	2. 5.1 Linear Models	Pg 278 # 8, 9, 11 with TI83+ Pg 275 # 1- 5, 7	
3	3. Rates of Change	**Assignment is due at end of class**	
4	4. 5.2 Quadratic Models	Pg 289 # 1 – 4, 8 abcd	
5	5. 5.3 Exponential Models- Day 1	Pg 301 # 1 – 5	
6	6. Exponential Models- Day 2	Pg 302 # 6, 7, 9 + worksheet	
7	7. Investigation: Graphical Models *need thermometers, Styrofoam cups, boiling water	**Second half** of class using Chromebooks Chromebook Lab **Assignment is due at end of class**	
8	8. 5.4 Analyse Graphical Models (Comparing Graphical Models)	Pg 316 # 1, 2, 3, 5, 8	
9	9. Review	Pg 332 # 1 – 7 Pg 334 # 1 – 5 **Review is due before Test next class**	
10	**Unit Test**		

Essential Skills:

- ☐ Interpret graphs to describe a relationship
- ☐ Given a graph, describe the trend and
- ☐   make predictions
- ☐ Given a graph or table of values, determine the rate of change and
- ☐   appropriate units for the rate of change
- ☐ Given a table of values or a graph of a relation, identify when the rate of change is zero, constant or changing.
- ☐ Compare the graphs of relations by describing initial conditions and
- ☐   rate of change behavior.
- ☐ Identify a model as linear, quadratic or exponential and
- ☐   solve related problems