

<u>CLASSWORK</u>	<u>HOMEWORK</u> <u>(due next class unless specified)</u>
Jan 8 The Unit Question for Pit and the Pendulum p. 2-5	Building a Pendulum p. 5 POW
Jan 10 Time is Relative p. 6 Your Pulse p. 6 Start What's Rare p. 8-9	Flipping Coins p.7
Jan 11 finish What's Rare p. 8-9 Normal Distribution and Standard Deviation (of Pulse data) by hand p.10-13 Standard Deviation using TI 83 p.15	Do Standard Deviation on the Timing Data
Jan 15 No Class	Martin Luther King Jr.'s Birthday
Jan 17 The Standard Pendulum p. 17	a) Penny Weight p. 14 using Standard Deviation b) Deviation p. 16
Jan 18 Pendulum Variations p.19	Conclusions about the Standard Pendulum p. 18 POW
Jan 22 Graphing Free-for All p.27-28	More on Standard Deviation p.20
Jana 24 Graphing Summary p.28	Graphs in Search of Equations p.26 Tables in Search of an Equation p. 27
Jan 25 The Period and the Length p.30 Building the 30 foot Pendulum	The Brake! P. 31
Jan 29 Review for test	Portfolio p. 32 due
Jan 31 Unit Test	

Feb 1 Unit Question for Small World p. 34 Start graph for How Many People? P.35	Eggs and Amoebas p.36 POW
Feb 5 How Many People? p 35	
Feb 7 The Rescue p. 37	Doctor's Orders p.39
Feb 8 On a Tangent p. 38	More On A Tangent
Feb 12 Exponential Slopes p.41	
Feb 14 Finish Exponential Slopes	The Derivative of x^2 p.42
Feb 15 NO CLASS	Presidents Day
Feb 19 Find That Base! P.43 Logarithm Review p.44	Natural Logarithms p.45
Feb 21 Generalized Exponential Derivatives p. 46 California and Exponents p.47	Unit Portfolio p. 50 Instantaneous Rate of Change p. 48
Feb 22 Return to Small World Isn't It p. 49	
Feb 26 Review Unit	
March 1 Unit Test	
March 3 -11 Spring Break	NO CLASS

March 12 Pollster's Dilemma; Start Sampling Seniors; p. 52-53	Throw back the Little Ones p.55
March 14 Finish Sampling Seniors Ice Cream Combinations and Permutations; p.56-57	Pizza Combinations p. 54
March 15 Probability p.59	Combinations and Permutations in Sports p.58
March 19 Play Ball p. 60 The Theory of Three-Person Polls started p. 62-63	More Probability p. 61
March 21 Finish the Theory of the Three Person Polls	Graphs of the Theory p. 64
March 22 The Central Limit Theorem Graphing Distributions Normal Areas p. 66-72	
March 26 Middletown Musings p. 73	Hand-out
March 28 A Plus for the Community p.74 Mean and Standard Distribution for Probability Distribution p.75-76 The Search is ON! p.77-78	Putting Your Formulas to Work p 80 POW Let's Vote On It p. 116 due
March 29 From Numbers to Proportion p.80 The Worst Case Scenario p.81	Is Twice As Many Twice As Good? P.83
April 2 P vs \hat{p} p. 82 What Does It Mean? P. 85	Portfolio due
April 4 Pollster's Dilemma Revisited p.88	
April 5 Review for test	
April 9 Unit Test	
April 11 POW presentations	
April Review for the final	
April 18 Review for the final	