

## 2024-2025 AP Statistics Assignments

(see web site for reading guides, glossaries of important terms, notes, HW answers, and other goodies)

2024 Revised Lessons to incorporate SM/MM Videos							
Chapter	Day	Topics	Objectives: Students will be able to...	Homework	Reading	4B	2O
<b>Chapter 3 FRAPPY's due day of test</b>							
3	0 (post test)	Chapter 3 Introduction 3.1 Measuring linear association: correlation	<ul style="list-style-type: none"> <li>Describe why it is important to investigate relationships between variables.</li> <li>Identify explanatory and response variables in situations</li> <li>Make a scatterplot to display the relationship between two quantitative variables.</li> <li>Describe the direction, form, and strength of the overall pattern of a scatterplot.</li> </ul>	1, 3, 9 10	Section 3.1	due to fire drill test on oct4&8	test split oct7&9
3	Revised Day 1 2024	<u>3.1 Intro to Correlations Activities:</u> Activity 3.1 work through the ws. PLUS do 2 SM Videos for Unit3(Day1 Scatterplots) and (Day2 Correlation)			Section 3.2	8-Oct	9-Oct
<b>Columbus Weekend - OFF OCT11 and OCT14</b>							
3	Revised Day 2 2024	<u>3.2 Interpreting a Regression Line (LSRL):</u> Activity 3.1B work through pg1; pg2 is HW Activity 3.2A complete		#17, 35, 37		10-Oct	15-Oct
3	Revised Day 3 2024	<u>3.2 Developing a LSRL Model:</u> Activity TPS Concrete and Fidget Problems PLUS do 2 SM Videos for Unit3 (Day3 Predictions) and (Day5 Residual Plots)		none		16-Oct	17-Oct
3	Revised Day 4 2024	<u>3.2 LSRL Formulas and Outliers:</u> TPS Activity 3.2B "Using Regression Formula to find LSRL" PLUS SM Video for Unit3(Day6 Outliers and Formulas)	<ul style="list-style-type: none"> <li>Recognize how the slope, y intercept, standard deviation of the residuals, and <math>r^2</math> are influenced by extreme observations.</li> </ul>	#47a, 49, 56		18-Oct	21-Oct
3	5	TPS Activity - 3.2c Association vs. Causation	<ul style="list-style-type: none"> <li>Explain why association doesn't imply causation.</li> </ul>	54, 56, 63		22-Oct	23-Oct
		Chapter 3 FRAPPY - 2002Bq1, 2002q4, 1999q1, 2018Q1, 2006q2. (next year add 2007Bq4) * In-class complete Frappy's 2002Bq1 and 1999q1		<b>CH3 Frappy's due day of test</b>			
3	6	<u>Chapter Review:</u> <i>Chapter 3 MC Practice Test (book)</i> <i>PLUS "Deer Mouse" FRQ</i>		Ch 3 AP Practice Test <b>CH3 Frappy's due next class</b>		24-Oct	25-Oct
3	7	<b>Chapter 3 Test --&gt; Quiz Grade - No test corrections - 1 page of notes</b>		1, 3, 5, 7, 9, 11	Section 4.1	28-Oct	29-Oct