

2024-2025 AP Statistics Assignments

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

Chapter	Day	Topics	Objectives: Students will be able to...	Homework	Reading	20	4B
FRAPPY's (2008Bq3, 2010q3, 2013q1, 2017q2, 2018q2. add2025→ Q2022#4) - One of these will be on your T8 for an 8pt BONUS							
Chapter 8 Guided Notes - Highly recommended! They will NOT be graded							
8	0	Day 0 - 8.1 Intro to CI's for Proportions - Setup, Interpret, and Confidence Levels	<ul style="list-style-type: none"> Interpret a confidence level in context. Understand that a CI gives a range of plausible values for the parameter TBD: Explain how issues like nonresponse, undercoverage, & response bias can affect the interpretation of a CI 	Day 0 Actiivty 1) MM 8.1 Video 2) MM 8.2 Video	Read Section 8.1 & take notes	3-Mar	4-Mar
8	1	Day 1 - 8.2 Conditions for Estimating p, Constructing a Confidence Interval for p Activity 1: Garfield Video (10min) https://drive.google.com/file/d/0B5GJz7h-IQ-CaVpWeXFivkFfQ0U/view Activity 2: 8.1 Mystery Mean - CI Basics Activity 3: Review Key Concepts	<ul style="list-style-type: none"> Understand the 3 inference conditions for CI's (1)Random; (2)Normal;(3)Independence Construct and interpret a CI for a population p. Do ALL steps to constructing a CI for a population proportion: define parameter; check conditions; perform calculations; interpret results in context. 	Day 1 Actiivty 1) MM 8.3 Video 2) MM 8.4 Video	Read Section 8.2 & take notes	3/5 ER	6-Mar
SKIP ACTIVITY SAVE TIME - 8.2 Activity - Magic Bean Contest							
8	2	Day 2 - 8.2 Activity - Putting It All Together: Construct a CIs for Proportions; Choosing the Sample Size for Proportions	<ul style="list-style-type: none"> Determine critical values for calculating a confidence interval using a table or your calculator. Determine the sample size required to obtain a level C confidence interval for a population proportion with a specified margin of error. Understand how the ME of a CI changes with the sample size and the level of confidence C. Understand the 3 inference conditions—R, N, & I 	Day 2 Actiivty 1) MM 10.1 Video	Read Section 8.3 pgs 499-506 & take notes	3/7 Winter Carnival	10-Mar
Friday, Mar7th - Winter Carnival - 40min classes							
8	3	Day 3 - 8.3A and 8.3B Activities - Intro to CIs for μ, find sample size for means, and the t Distribution	<ul style="list-style-type: none"> Determine the sample size required to obtain a level C CI for a population mean with a specified ME 	Day 3 Actiivty 1) MM 10.2 Video	Finish Section 8.3 & take notes	11-Mar	12-Mar
<ul style="list-style-type: none"> DELETED Activity: 8.3 Letters per Word. Dropped topic- construct and interpret a CI for a μ when σ is known 							
Friday, Mar14th - No School (PD)							
8	4	Day 4 - 8.3C Activity Constructing a CI for μ when σ is Unknown	<ul style="list-style-type: none"> Carry out the steps in constructing a CI for a μ when σ is NOT known Understand the 3 inference conditions—R, N, & I 	Day 4 Actiivty		13-Mar	17-Mar
8	5	Day 5 - CH 8 Review DAY#1: cw: MC, critical values, sample size	Focus your studying on... (1) practice MC questions, (2) finding critical values and calculate sample size (3) do the Frappy's	Ch.8 AP Practice Test (MC questions and 8.44)		18-Mar	19-Mar
8	6	Day 6 - CH 8 Review DAY#2: cw: free response	Focus on free response for proportions and means	Ch.8 AP Practice Test (T8.1-T8.11, T8.12 , T8.13) plus 8.67		20-Mar	21-Mar
8	7	Chapter 8 Test (50%MC 12 questions, 4 pts each, 2-freebie; 50%FRQ; and 1 8pt Bonus Frappy)		See CH9 assignment sheet		24-Mar	25-Mar