J. L. Mann High School Weekly Lesson Plans 2026-2027

Teacher's Name: Jessica Sullivan Course: AP Statistics Dates: 11/9/26-11/13/26

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
STANDARDS	STANDARDS	STANDARDS	STANDARDS	STANDARDS
VAR-7.C Identify the null and alternative hypotheses for a population mean with unknown standard deviation. VAR-7.D Verify the conditions for the test for a population mean. VAR-7.E Calculate an appropriate test statistic for a population mean. DAT-3.E Interpret the p-value of a significance test for a population mean DAT-3.F	VAR-7.C, VAR-7.D, VAR-7.E, DAT-3.E DAT-3.F Justify a claim about the population based on the results of a significance test for a population mean. UNC-5.A Identify Type I and Type II errors. UNC-5.B Calculate the probability of Type I and Type II errors. UNC-5.D Interpret Type I and Type II errors.	VAR-7.B Identify an appropriate testing method for a population mean with unknown standard deviation. VAR-7.C Identify the null and alternative hypotheses for a population mean with unknown standard deviation. VAR-7.D Verify the conditions for the test for a population mean. VAR-7.E Calculate an appropriate test statistic for a population mean. DAT-3.F Justify a claim about the population based on the results of a significance test for a population mean.	VAR-7.B, VAR-7.C, VAR-7.D, VAR-7.E, DAT-3.E, DAT-3.F, UNC-5.A, UNC-5.B, UNC-5.D UNC-4.T Justify a claim based on a confidence interval for a population mean.	VAR-6.D Identify the null and the alternative hypotheses for a population proportion. VAR-6.E Identify an appropriate testing method for a population proportion. VAR-6.F Verify the conditions for making statistical inferences when testing a population proportion. VAR-6.G Calculate an appropriate test statistic and p-value for a population proportion. DAT-3.B Justify a claim about the population based on the results of a significance test.
LEARNING TARGET	LEARNING TARGET	LEARNING TARGET	LEARNING TARGET	LEARNING TARGET
Students will run a test for means to test a claim about a population mean. Using the p-value, students will justify a claim about the population based on	Based on the conclusion of the significance test students will identify the type of error(Type 1 or Type 2) they could have made, the probability of the error, and the	Students will run a t test for means to test a claim about a population mean.	Students will construct a confidence interval to test a claim about a population mean.	Students will run a z test for proportions to test a claim about a population proportion.

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the results of the significance test.	**consequences of that error.**			
ACTIVATING STRATEGY	**ACTIVATING STRATEGY**	**ACTIVATING STRATEGY**	**ACTIVATING STRATEGY**	**ACTIVATING STRATEGY**
Bellwork	**Bellwork**	**Bellwork**	**Bellwork**	**Bellwork**
LESSON ACTIVITIES	**LESSON ACTIVITIES**	**LESSON ACTIVITIES**	**LESSON ACTIVITIES**	**LESSON ACTIVITIES**
Z test and t test for means Justifying a claim about a population mean	**Type I and Type II errors Consequences of errors**	**Review Errors Finding the p-value from the t-chart Performing t Tests for means**	**9.1, 9.3 Quiz Using a confidence interval to run a test**	**Performing a z test for proportions Chapter 9 Test Review Questions**
CLOSURE	**CLOSURE**	**CLOSURE**	**CLOSURE**	**CLOSURE**
Practice Problems	**Practice Problems**	**Practice Problems**	**Practice Problems**	**Practice Problems**
Important Due Dates: Thursday, November 12th - Chapter 9 Quiz				

How are you utilizing UDL learning guidelines and strategies within your weekly lessons? Check the boxes or highlight :)

REPRESENTATION options for presenting content	ENGAGEMENT options for engaging student interest	EXPRESSION options for students to demonstrate learning	CULTURAL CONSIDERATIONS	ASSESSMENTS
☐Artifacts ☐Pictures ☐Graphic Organizers ☐Video Clips ☐Audio Recordings	☐Cooperative Work ☐Partner Work ☐Manipulatives ☐Movement ☐Debates	☐Written Response ☐Illustrated Response ☐Oral Response ☐Model Creation ☐Construction	☐Nature of content & ethnicity and/or culture of students ☐Other:	☐Class Work ☐Journals ☐Group Discussion ☐Individual Participation ☐Quiz / Test

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☐Lab ☐Lecture ☐Other:	☐Role Plays or Simulations ☐Other:	☐Other:		☐Project ☐Conference ☐Essay ☐Other:

*All adjustments to the teacher's lesson plans will be communicated to the students.