

J. L. Mann High School Weekly Lesson Plans 2025-2026

Teacher's Name: J. Sullivan

Course: AP Statistics

Dates: 8/11/25-8/15/25

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
STANDARDS	STANDARDS	STANDARDS	STANDARDS	STANDARDS
UNC-1.B Describe categorical data represented in frequency or relative tables. [Skill 2.A] UNC-1.B Describe categorical data represented in frequency or relative tables. [Skill 2.A]	UNC-1.C Represent categorical data graphically. [Skill 2.B] UNC-1.D Describe categorical data represented graphically.	UNC-1.C Represent categorical data graphically. [Skill 2.B] UNC-1.E Compare multiple sets of categorical data. [Skill 2.D]	UNC-1.G Represent quantitative data graphically. [Skill 2.B] UNC-1.H Describe the characteristics of quantitative data distributions. [Skill 2.A]	UNC-1.G Represent quantitative data graphically. UNC-1.M Describe summary statistics of quantitative data represented graphically NC-1.N Compare graphical representations for multiple sets of quantitative data.
LEARNING TARGET	LEARNING TARGET	LEARNING TARGET	LEARNING TARGET	LEARNING TARGET
Students will learn the expectations for AP Statistics and how to analyze two way tables.	Students will learn how to analyze categorical data by calculating marginal distributions and constructing bar graphs.	Students will learn how to compare categorical data by calculating conditional distributions and constructing segmented bar graphs.	Students will learn how to represent quantitative data by constructing dotplots.	Students will construct stem plots to graphically represent quantitative data. Students will compare stemplots for multiple sets of data.
ACTIVATING STRATEGY	ACTIVATING STRATEGY	ACTIVATING STRATEGY	ACTIVATING STRATEGY	ACTIVATING STRATEGY
Find your seat by following the seating chart.	Bellwork	Bellwork	Bellwork	Bellwork
LESSON ACTIVITIES	LESSON ACTIVITIES	LESSON ACTIVITIES	LESSON ACTIVITIES	LESSON ACTIVITIES

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Introductions Syllabus Intro to Statistics - Quantitative vs Categorical Data Introduction to Two Way Tables Airline Problem	Constructing Bar Graphs Marginal Distributions from Two Way Tables Describing Bar Graphs	Constructing Segmented Bar Graphs Conditional Distributions Marginal and Conditional Practice Question	Quiz on Categorical Data Dot plot sticker graph on hours of sleep Constructing dotplot Describing Quantitative Distributions SOCS	Comparing Dotplots Constructing Stemplots Back to Back Stemplots and Split stems using pairs of shoes data
CLOSURE	CLOSURE	CLOSURE	CLOSURE	CLOSURE
Airline Problem Conclusion - Each row presents their results	<u>Homework</u> pg. 7-8 #2, 4, 6-8 , pg. 24 #17, 18, 19	Partner Work Reading Summaries and Give Feedback <u>Homework</u> Marginal and Conditional Problem #2	SOCS for Dotplot example <u>Homework</u> Complete SOCS for the Comparing Dotplot and Count your shoes	SOCS comparing the back to back stemplots HW Complete the comparison paragraph
Important Due Dates: Thursday, August 14th Categorical Data 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 ☐ Lab ☒ Lecture ☐ Other:	☒ Cooperative Work ☒ Partner Work ☐ Manipulatives ☐ Movement ☐ Debates ☐ Role Plays or Simulations ☐ Other:	☒ Written Response ☒ Illustrated Response ☒ Oral Response ☐ Model Creation ☐ Construction ☐ Other:	☐ Nature of content & ethnicity and/or culture of students ☐ Other:	☒ Class Work ☐ Journals ☒ Group Discussion ☒ Individual Participation ☒ Quiz / Test ☐ Project ☐ Conference ☐ Essay ☐ Other:

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