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

Teacher's Name: J. Sullivan   Course: Precalculus CP   Dates: 1/12/26-1/16/26

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
STANDARDS	**STANDARDS**	**STANDARDS**	**STANDARDS**	**STANDARDS**
A2P.PAFR.1.3 Graph and analyze polynomial functions in mathematical and real-world situations.	**A2P.PAFR.1.3 Graph and analyze polynomial functions in mathematical and real-world situations.**	**A2P.PAFR.1.3 Graph and analyze polynomial functions in mathematical and real-world situations.**	**A2P.PAFR.1.3 Graph and analyze polynomial functions in mathematical and real-world situations.**	**A2P.PAFR.1.4 Solve polynomial inequalities that model mathematical and real-world situations.**
LEARNING TARGET	**LEARNING TARGET**	**LEARNING TARGET**	**LEARNING TARGET**	**LEARNING TARGET**
Students will name polynomials by degree and number of terms and determine the end behavior and maximum number of turning points. **Students will graph polynomials to determine the extrema and intervals where the graph is increasing or decreasing.**	**Students will factor polynomials to determine their zeros and multiplicity. Students will use end behavior, zeros, and multiplicities to sketch polynomial function**	**Students will factor polynomials to determine their zeros and multiplicity. Students will use end behavior, zeros, and multiplicities to sketch polynomial function**	**Students will factor polynomials to determine their zeros and multiplicity. Students will use end behavior, zeros, and multiplicities to sketch polynomial function**	**Students will solve polynomial inequalities using factoring, end behavior, and a number line.**
ACTIVATING STRATEGY	**ACTIVATING STRATEGY**	**ACTIVATING STRATEGY**	**ACTIVATING STRATEGY**	**ACTIVATING STRATEGY**
Bellwork	**Bellwork**	**Bellwork**	**Bellwork**	**Bellwork**

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

LESSON ACTIVITIES	LESSON ACTIVITIES	LESSON ACTIVITIES	LESSON ACTIVITIES	LESSON ACTIVITIES
Intro to Polynomials End Behavior Extrema Increasing, Decreasing Intervals	Factoring Polynomials Finding Zeros, Multiplicity, and End Behavior Graphing Polynomials (NO CALCULATOR)	Continue Graphing Polynomials by Factoring Dry Erase Board Review	Continue Graphing Polynomials by Factoring Dry Erase Board Review	Polynomials Quiz Solving Polynomial Inequalities by Factoring and a Number Line
CLOSURE	CLOSURE	CLOSURE	CLOSURE	CLOSURE
Practice Problems	Practice Problems	Practice Problems #1-9 odd	Practice Problems	Practice Problems

Important Due Dates: Thursday, January 15th Polynomials 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 X Lecture ☐Other:	X Cooperative Work X Partner Work ☐Manipulatives ☐Movement ☐Debates ☐Role Plays or Simulations ☐Other:	X Written Response X Illustrated Response X Oral Response ☐Model Creation ☐Construction ☐Other:	☐Nature of content & ethnicity and/or culture of students ☐Other:	X Class Work ☐Journals X Group Discussion X Individual Participation X Quiz / Test ☐Project ☐Conference ☐Essay ☐Other:

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