

J. L. Mann High School Weekly Lesson Plans 2023-2024

Teacher's Name: J. Sullivan Course: Precalculus CP Dates: 8/11/25-8/15/25

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
STANDARDS	STANDARDS	STANDARDS	STANDARDS	STANDARDS
	A2P.PAFR.1.5 Recognize perfect squares and perfect cubes and use them to describe the structure of polynomials.	A2P.PAFR.1.5 Recognize perfect squares and perfect cubes and use them to describe the structure of polynomials.	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.
LEARNING TARGET	LEARNING TARGET	LEARNING TARGET	LEARNING TARGET	LEARNING TARGET
Students will learn the expectations for Precalculus CP and review factoring.	Students will use grouping, difference of squares, and difference of cubes to factor polynomials with two, three, and four terms.	Students will use grouping, difference of squares, and difference of cubes to factor polynomials with two, three, and four terms	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 graph polynomials to determine the extrema and intervals where the graph is increasing or decreasing.
ACTIVATING STRATEGY	ACTIVATING STRATEGY	ACTIVATING STRATEGY	ACTIVATING STRATEGY	ACTIVATING STRATEGY
Find your seat from the seating chart	Bellwork	Bellwork	Bellwork	Bellwork
LESSON ACTIVITIES	LESSON ACTIVITIES	LESSON ACTIVITIES	LESSON ACTIVITIES	LESSON ACTIVITIES
Introductions Syllabus Get to Know You Activity Factoring Review	Continue Factoring Review Cubes, Trinomials $a = 1$, Four Terms	Continue Factoring Review Trinomials a is not 1, factoring multiple times	Factoring Quiz Intro to Polynomials End Behavior Extrema	Graphing Polynomials (CALCULATOR) Domain and Range Extrema

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		Dry Erase Board Review for Quiz	Increasing, Decreasing Intervals	Intervals of Increase and Decrease End Behavior
CLOSURE	CLOSURE	CLOSURE	CLOSURE	CLOSURE
Factoring Worksheet	Factoring Worksheet	Practice Problems	Practice Problems	Practice Problems
Important Due Dates: Thursday, August 14th Factoring 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
<input type="checkbox"/> Artifacts <input type="checkbox"/> Pictures <input type="checkbox"/> Graphic Organizers <input type="checkbox"/> Video Clips <input type="checkbox"/> Audio Recordings <input type="checkbox"/> Lab <input type="checkbox"/> Lecture <input type="checkbox"/> Other:	<input type="checkbox"/> Cooperative Work <input type="checkbox"/> Partner Work <input type="checkbox"/> Manipulatives <input type="checkbox"/> Movement <input type="checkbox"/> Debates <input type="checkbox"/> Role Plays or Simulations <input type="checkbox"/> Other:	<input type="checkbox"/> Written Response <input type="checkbox"/> Illustrated Response <input type="checkbox"/> Oral Response <input type="checkbox"/> Model Creation <input type="checkbox"/> Construction <input type="checkbox"/> Other:	<input type="checkbox"/> Nature of content & ethnicity and/or culture of students <input type="checkbox"/> Other:	<input type="checkbox"/> Class Work <input type="checkbox"/> Journals <input type="checkbox"/> Group Discussion <input type="checkbox"/> Individual Participation <input type="checkbox"/> Quiz / Test <input type="checkbox"/> Project <input type="checkbox"/> Conference <input type="checkbox"/> Essay <input type="checkbox"/> Other:

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