

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

Teacher's Name: J. Sullivan

Course: Precalculus CP

Dates: 12/1/25-12/5/25

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>STANDARDS</b>	<b>STANDARDS</b>	<b>STANDARDS</b>	<b>STANDARDS</b>	<b>STANDARDS</b>
PC.FIF.7. PC.FT.2	PC.FIF.7, PC.FT.2. PC.FT.5	PC.FIF.7, PC.FT.2. PC.FT.5	PC. FT. 2 Define the tangent, cotangent, secant, and cosecant functions as ratios involving sine and cosine.  Write cotangent, secant, and cosecant as the reciprocals of tangent, secant, and cosecant.	PC. FT. 2 Define the tangent, cotangent, secant, and cosecant functions as ratios involving sine and cosine.  Write cotangent, secant, and cosecant as the reciprocals of tangent, secant, and cosecant.
<b>LEARNING TARGET</b>	<b>LEARNING TARGET</b>	<b>LEARNING TARGET</b>	<b>LEARNING TARGET</b>	<b>LEARNING TARGET</b>
Students will use the tangents from the Unit Circle to create the tangent graph.	Given a trig graph, students will identify amplitude, period, vertical transformation, and phase shift to write the equation as a sine, cosine, negative sine, and positive sine.	Students will use sine, cosine, and tangent from the Unit Circle to create sine, cosine, and tangent graphs.	Students will use Pythagorean identities, Reciprocal Identities, and Quotient identities to simplify trig identities.	Students will use Pythagorean identities, Reciprocal Identities, and Quotient identities to verify trig identities.
<b>ACTIVATING STRATEGY</b>	<b>ACTIVATING STRATEGY</b>	<b>ACTIVATING STRATEGY</b>	<b>ACTIVATING STRATEGY</b>	<b>ACTIVATING STRATEGY</b>
Review Sine and Cosine Graphs	Bellwork	Bellwork	Bellwork	Bellwork
<b>LESSON ACTIVITIES</b>	<b>LESSON ACTIVITIES</b>	<b>LESSON ACTIVITIES</b>	<b>LESSON ACTIVITIES</b>	<b>LESSON ACTIVITIES</b>
Tangent Graphs with amplitude, period change, and vertical transformation	Writing Equations of Trig Graphs Quiz Review	Quiz on sine, cosine, and tangent graphs	Introduce Pythagorean and Quotient Identities Simplifying Trig Expressions	Review Simplifying Trig Expressions Begin Verifying Trig Equations

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<b>CLOSURE</b>	<b>CLOSURE</b>	<b>CLOSURE</b>	<b>CLOSURE</b>	<b>CLOSURE</b>
Practice Problems	Practice Problems	Practice Problems	Practice Problems	Practice Problems
<b>Important Due Dates:</b>				

**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:	XClass 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.