

Name: Langteau		Grading Quarter: 2	Week Beginning: Week 15
School Year: 2024-2025		Subject: Algebra	
Monday	Notes:	Objective: Lesson Overview: No School- PD	Academic Standards:
Tuesday	Notes:	Objective: Students Will Be Able To: Identify and write equations of lines in point-slope form and convert between point-slope, slope-intercept, and standard forms. Lesson Overview: This week's lessons introduce students to point-slope form as a method for writing the equations of lines. Students will explore how to identify slope and points within equations and practice converting between different forms of linear equations. By Friday, students should confidently apply point-slope form in various contexts and demonstrate their understanding on a quiz. <ul style="list-style-type: none"> • Topic: Introduction to Point-Slope Form • Activities: Begin with a review of slope and plotting points. Introduce point-slope form $y - y_1 = m(x - x_1)$ and show how it can be derived from known points and slopes. • Homework: Practice problems on identifying and creating point-slope equations. 	Academic Standards: HSF.IF.C.7 HSF.LE.A.2: HSF.BF.A.1a:

Wednesday	Notes:	<p>Objective:</p> <p>Students Will Be Able To: Identify and write equations of lines in point-slope form and convert between point-slope, slope-intercept, and standard forms</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Topic: Converting from Point-Slope to Slope-Intercept Form • Activities: Guided examples on converting point-slope form to slope-intercept form and understanding the relationship between the forms. • Homework: Practice problems on conversion between forms. 	<p>Academic Standards:</p> <p>HSF.IF.C.7 HSF.LE.A.2: HSF.BF.A.1a:</p>
Thursday	Notes:	<p>Objective:</p> <p>Students Will Be Able To: Identify and write equations of lines in point-slope form and convert between point-slope, slope-intercept, and standard forms</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Topic: Review and Practice • Activities: Group activities and worksheets covering identification, conversion, and application of point-slope form in various scenarios. Focus on problem areas identified earlier in the week. • Homework: Study guide for quiz. 	<p>Academic Standards:</p> <p>HSF.IF.C.7 HSF.LE.A.2: HSF.BF.A.1a:</p>
Friday	Notes:	<p>Objective:</p> <p>Students Will Be Able To: Identify and write equations of lines in point-slope form and convert between point-slope, slope-intercept, and standard forms</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Topic: Quiz on Point-Slope Form • Activities: Quiz covering identification, application, and conversion of point-slope form equations. 	<p>Academic Standards:</p> <p>HSF.IF.C.7 HSF.LE.A.2: HSF.BF.A.1a:</p>