Name: Langteau		Grading Quarter: 2	Week Beginning: wk 13
School Year: 2024-2025		Subject: Algebra	
Monday	Notes:	Objective: SWBAT identify linear functions and understand the concept of slope and y-intercept. Lesson Overview: Begin by defining linear functions and reviewing the equation $y=mx+b$ *Introduce the concepts of slope (m) and y-intercept (b) with examples. Engage students in plotting points for simple equations to see patterns and* establish what makes a function linear	Academic Standards: A1.F-IF.B.4 A1.F-LE.A.1
Tuesday	Notes:	Objective: SWBAT calculate the slope from two points and identify the y-intercept of a linear function. Lesson Overview: **:** Review the formula for slope $m=y2−y1x2−x1m = \|frac{{y_2 - y_1}}{{x_2 - x_1}}$m=x2 −x1 y2 −y1 and practice finding the slope from pairs of points. Have students work through examples of finding slope and y-intercept from given points and verify with simple graphs.	Academic Standards: A1.F-IF.C.7a
Wednesday	Notes:	Objective: SWBAT graph linear equations using slope and y-intercept on a coordinate plane. Lesson Overview: Demonstrate how to graph linear equations by plotting the y-intercept and using the slope to find additional points. Provide guided practice with equations in slope-intercept form, allowing students to work through various examples with different slopes (positive, negative, zero).	Academic Standards: A.A-REI.D.10
Thursday	Notes:	Objective: SWBAT convert linear equations from standard form to slope-intercept form and graph them Lesson Overview: Teach students how to rewrite equations from standard form $Ax+By=C$ to slope-intercept form. Practice converting equations and graphing by identifying the slope and y-intercept. Have students complete a worksheet where they convert and then graph each equation.	Academic Standards: **:** A1.A-REI.D.10

Friday	Notes:	Objective: SWBAT apply their understanding of graphing linear functions to solve real-world problems. Lesson Overview: Advisory week Quiz Make up	Academic Standards: **:** A1.A-REI.D.10