Name: Langteau	Grading Quarter:	Week Beginning:
School Year: 2024/2025	Subject: Algebra 1	

	Notes:	Objective:	Academic Standards:
Monday		SWBAT Solve systems of equations using the elimination method with addition and subtraction. Lesson Overview: Introduce elimination by addition and subtraction. Model step-by-step examples, then provide guided and independent practice. Discuss when this method is most effective.	HS.A-REI.C.6 – Solve systems of linear equations exactly and approximately.
Tuesday	Notes:	Objective: **SWBAT**: Solve systems of equations using the elimination method with multiplication and division. Lesson Overview: Extend elimination to cases requiring multiplication or division before adding/subtracting. Work through real-world examples and provide structured practice.	Academic Standards: HS.A-REI.C.6
Wednesday	Notes:	Objective: **SWBAT**: Analyze and solve systems of equations and inequalities graphically and algebraically. Lesson Overview: Compare solving systems of equations versus inequalities. Have students graph inequalities and identify solution regions. Discuss real-life applications.	Academic Standards: HS.A-REI.D.12 – Graph solutions to a system of linear inequalities.
Thursday	Notes:	Objective: **SWBAT**: Compare different methods for solving systems of equations (graphing, substitution, elimination). Lesson Overview: Review each method's strengths and weaknesses. Have students determine the most efficient method for various scenarios. Include collaborative discussions and problem-solving tasks.	Academic Standards: HS.A-REI.C.6

| Friday | Notes: | Objective:

SWBAT: Demonstrate proficiency in solving systems of equations using all methods and apply them in problem-solving situations.

Lesson Overview:

Students work through mixed-method problems, solidifying their understanding. End with a quiz assessing their ability to choose and apply the correct method. | Academic Standards:

HS.A-REI.C.6 |