



LESSON PLAN

Sam Stockett

SUMMARY

Date	9/30/24 - 10/11/24
Subject	Math Algebra 1
Grade Level/Course	Grade 9 Algebra 1
Main Topic or Unit	Applications for linear equations
Subtopics or Key Concepts	Mixtures, rates, mathematical equivalence of diverse applications.

Materials Needed

- Paper and pencil.

Learning Objectives

- Translate real applications into mathematical language
- Do quick “reality checks” on solutions

Lesson Outline WEEK 1

Duration	Guide	Assessment or Evaluation	Modifications
Monday 50 minutes	Guided notes. HSA.CED.A1 direct calculation of percent solutions and mixtures	BOW assessment	Combine written notes with oral instruction.
Tuesday 50 minutes	Ppt or guided notes. Direct calculation of combined rates		
Wednesday	Groups	MOW assessment	Collabrative learning.

50 minutes			
Thursday 50 minutes	Indirect calculation of mixtures and rate		Written and verbal work
Friday 50 minutes	Group review	EOW assessment	Collabrative learning

Lesson Outline WEEK 2

Duration	Guide	Assessment or Evaluation	Modifications
Monday 50 minutes	Ppt or guided notes. HSA.CED.A.2 Create equation from natural language description	BOW assessment	Combine written notes with oral instruction.
Tuesday 50 minutes	Create equation from natural language description and solve		Collabrative learning
Wednesday	Guided notes	MOW assessment	

50 minutes			
Thursday 50 minutes	Guided notes		
Friday 50 minutes	Review in groups	EOW assessment	Collabrative learning

Reflection

What concept did you reteach in this unit?	
How did the unit reflect academic rigor?	
How did this unit cognitively engage students?	
How did this unit engage students in collaborative learning and enhance their cooperative learning skills?	