



LESSON PLAN

Sam Stockett

SUMMARY

Date	8/19/24 – 8/30/24 Week 3 – Week 4
Subject	Math Algebra 2
Grade Level/Course	Grade 11 algebra 2
Main Topic or Unit	Factoring, quadratic formula
Subtopics or Key Concepts	Solving polynomial and rational equations

Materials Needed

- Paper and pencil.

Learning Objectives

- Solve equations by a deeper understanding of pieces and patterns along with formulae.

Lesson Outline WEEK 1

Duration	Guide	Assessment or Evaluation	Modifications
Monday 50 minutes	Ppt or guided notes HSF.LE.A Factor polynomials: trinomials, GCF and special patterns	BOW assessment	Written and oral instruction.
Tuesday 50 minutes	Ppt or guided notes View a part of an expression as a single entity		
Wednesday	Group work	MOW assessment	Collaborative learning

50 minutes			
Thursday 50 minutes	Ppt or guided notes HSA.SSE.A.1 Find patterns in a polynomial Recall how to use the quadratic formula		
Friday 50 minutes	Group review	EOW assessment	

Lesson Outline WEEK 2

Duration	Guide	Assessment or Evaluation	Modifications
Monday 50 minutes	Ppt or guided notes Quadratic formula. Brief intro to complex numbers.	BOW assessment	
Tuesday 50 minutes	Oral instruction Solving the general polynomial using factoring, formulae		

	and patterns		
Wednesday 50 minutes	Ppt or guided notes HSF.LE.A	MOW assessment	
Thursday 50 minutes	Group review		Collaborative learning
Friday 50 minutes		EOW assessment	

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?	