



Westside High School - Weekly Plan to Align Lessons (Week At a Glance) - 2024-25

Teacher: _____ Subject: Math Course: Adv. Algebra C & C Grade: 10th-12th Date(s): Dec. 2-6, 2024

The WAG is subject to change based on student achievement/progress and may be adjusted.

Standard(s):

AA.FGR.4: Explore and analyze structures and patterns for radical functions and use radical expressions, equations, and functions to model real-life phenomena

Assessment: ☒ Quiz ☐ Unit Test ☐ Project ☐ Lab ☐ None

	Pre-Teaching	Activation of Learning (5 min)	Focused Instruction (10 min) <i>*I DO</i>	Guided Instruction (10 min) <i>*WE DO</i>	Collaborative Learning (10 min) <i>*Y'ALL DO</i>	Independent Learning (10 min) <i>*YOU DO</i>	Closing (5 min)
	Learning Target Success Criteria 1 Success Criteria 2	- Do Now - Quick Write* - Think/Pair/Share - Polls - Notice/Wonder - Number Talks - Engaging Video - Open-Ended Question	- Think Aloud - Visuals - Demonstration - Analogies* - Worked Examples - Nearpod Activity - Mnemonic Devices*	- Socratic Seminar * - Call/Response - Probing Questions - Graphic Organizer - Nearpod Activity - Digital Whiteboard	- Jigsaw* - Discussions* - Expert Groups - Labs - Stations - Think/Pair/Share - Create Visuals - Gallery Walk	- Written Response* - Digital Portfolio - Presentation - Canvas Assignment - Choice Board - Independent Project - Portfolio	- Group Discussion - Exit Ticket 3-2-1 - Parking Lot - Journaling* - Nearpod
Monday 12-02-24	I'm am learning to rewrite radical expressions as expressions with rational exponents. I can rewrite radical expressions as expressions with rational exponents.	Bell-ringer/Do Now Activity What do you remember about solving problems with exponents in algebra?	Work Examples and Visuals Teacher will give examples of how to rewrite radical expressions as expressions with rational exponents.	Guided notes/video/Power point Students will take notes on rewriting radical expressions as expressions with rational exponents.	Practice Problems Think/Pair/Share, Discussions Students will have an opportunity to work with partners.	Practice Handout/worksheet Students will work individually on practice problems.	Group Discussion/Exit Ticket What did you learn about rewriting radical expressions as expressions with rational exponents?
Tuesday 12-03-24	I'm am learning to rewrite radical expressions as expressions with rational exponents. I can rewrite radical expressions as expressions with rational exponents.	Bell-ringer/Do Now Activity Students will work problem(s) learned from yesterday's lesson.	Work Examples and Visuals Teacher will give examples of how to rewrite radical expressions as expressions with rational exponents.	Guided notes/video/Power point Students will take notes on rewriting radical expressions as expressions with rational exponents.	Practice Problems Think/Pair/Share, Gallery Walk, Discussions Students will have an opportunity to work with partners.	Practice Handout/worksheet Students will work individually on practice problems.	Group Discussion/Exit Ticket What did you learn about rewriting radical expressions as expressions with rational exponents?
Wednesday 12-04-24	I'm am learning to solve radical equations I can solve radical equations.	Bell-ringer/Do Now Activity What do you know, if anything about radicals?	Work Examples and Visuals Teacher will give examples of how to solve radical equations	Guided notes/video/Power point Students will take notes on solving radical equations	Practice Problems Think/Pair/Share, Discussions Students will have an opportunity to work with partners.	Practice Handout/worksheet Students will work individually on practice problems.	Group Discussion/Exit Ticket What did you learn about solving radical equations?



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Thursday 12-05-24	 I'm am learning to solve radical equations  I can solve radical equations.	Bell-ringer/Do Now Activity Students will solve problem(s) with radical equations?	Work Examples and Visuals Teacher will give examples of how to solve radical equations	Guided notes/video/Power point Students will take notes on solving radical equations	Practice Problems Think/Pair/Share, Discussions Students will have an opportunity to work with partners.	Practice Handout/worksheet Students will work individually on practice problems.	Group Discussion/Exit Ticket What did you learn about solving radical equations?
Friday 12-06-24	 I can review for an assessment on rewriting radical expression and solving radical equations.  I can successfully show what I have learned about rewriting radical expression and solving radical equations.	Quiz on rewriting radical expressions as expressions with radical exponents and solving radical equations.					

*key literacy strategy