

Westside High School - Weekly Plan to Align Lessons (Week At a Glance) – SY 24-25

Teacher: Finnegan

Subject: Science

Course: Chemistry

Grade: 10th-11th

Date(s): 11/18-11/22

Standard: SC2. Obtain, evaluate, and communicate information about the chemical and physical properties of matter resulting from the ability of atoms to form bonds.

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	 I am learning about scientific research and creating my own lab materials and methods.	Ionic compounds and charges question.	Teacher reiterates expectations and requirements for science fair lab procedures.		Students finish their science fair powerpoints through procedure		States of matter TOTD
	 I can create my own procedures for use in lab at a later date.						
							
Tuesday	 I am learning about covalent compound bonds.	Phases of matter question.	Teacher review definition and examples of ionic compounds.	Teacher and students work valence problems together and identify nature of covalent compounds.	Predict, in small groups, the number of bonds covalent compounds will make.	Complete sample problems alone.	Diatomic elements TOTD.
							
							
Wednesday	 I am conducting scientific research.	Iodine clock question.		Review lab procedure and clear up misconceptions/issues from student written procedures.	Students complete Iodine clock day one.	Students individually record data on paper.	Show teacher day one data.
	 I can conduct iodine clock labs with different amounts of certain reagents to show the nature of chemical kinetics.						
							
Thursday	 I am conducting scientific research.	Kinetics question.	Address issues, questions, and concerns from previous day.		Students complete Iodine clock day two.	Students individually record data on paper.	Show teacher finalized data.
	 I can conduct iodine clock labs with different amounts of certain reagents to show the nature of chemical kinetics.						
							
Friday	 I am conducting scientific research.	Sample data question.	Teacher will show how to make a clear, concise, and easily readable data table for students to mirror on their Sci. Fair powerpoints.		Students will work together to put their lab data into data table.		Resubmit powerpoint.
	 I can sort my lab data into a data chart.						
							

*key literacy strategies