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

Teacher: Finnegan **Subject:** Science **Course:** AP Chemistry **Grade:** 10th **Date(s):** 11/18-11/22

Standard: Unit 3: Intermolecular Forces and Properties.

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

	Pre-Teaching		Activation of Learning *(5 min)*	Focused Instruction *(10 min)* ***I DO***	Guided Instruction *(10 min)* ***WE DO***	Collaborative Learning *(10 min)* ***Y'ALL DO***	Independent Learning *(10 min)* ***YOU DO***	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 Beer's Law, concentrations, and dilutions. I can calculate an unknown solution concentration from absorbance. I can calculate concentrations and calculate dilution volumes.		Beer's law formula question.		Creating a Scatter-plot/line of best fit in excel.	Creation of standard curves and calculation of unknown concentrations.	Individual practice of dilutions and molarity.	Dilution question.
Tuesday	I am learning about nature of solids. I can differentiate between ionic, metallic, molecular, and network covalent compounds.		Molarity question.	Introduction to network solids.		Students will complete "nature of solids" work in groups.		Show completion.
Wednesday	I am learning about kinetic molecular theory. I can describe accurately the information shown in a Maxwell Boltzmann diagram. I can predict changes to a Maxwell-Boltzmann diagram.		Network solid question.	Introduction to Maxwell Boltzmann diagrams.	Partial pressure problems together.		Individual work on partial pressures.	Show progress of partial pressures.
Thursday	I am learning about all tenets of unit 3. I can show knowledge of unit 3 individually and with group work.		Partial pressures question.	Study guide examples.	Study guide examples together.		Study guide examples individually.	Stoichiometry TOTD.
Friday	I am learning about unit 3. I am demonstrating knowledge of Unit 3 through testing.		Unit 3 Test.	Unit 3 Test.	Unit 3 Test.	Unit 3 Test.	Unit 3 Test.	Unit 3 Test.

**key literacy strategies*