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

Teacher: Rani **Subject:** Physical Science **Course:** Science **Grade:** 11 **Date(s):** 8/18-8/22

Standard: SPS1. Obtain, evaluate, and communicate information from the Periodic Table to explain the relative properties of elements based on patterns of atomic structure.

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 can describe and classify matter as elements, compounds, or mixtures. I am learning elements, compounds, or mixtures.	Do Now: Sort pictures of substances into categories.	Visuals & real samples (iron, water, salt, sand).	Classify given substances together on T-chart.Teacher discuses about elements compounds and mixtures	Discussion in groups on one type of classification of matter	Classify a mixed list and justify in writing.	Exit ticket:'One element,one compound, one mixture I learned today.'
Tuesday		I can identify and describe physical properties of matter I am learning volume, density, color, texture, solubility	Quick Write:Is an element a pure substance?	Model measuring mass, volume, and density	Teacher discusses about Physical properties	Discussion on physical properties of various substances	Complete worksheet and write conclusions.	3–2–1: 3 properties, 2 tools, 1 real-life use
Wednesday		I can use physical properties to identify substances and separate mixtures. I can select appropriate separation techniques based on properties. I can explain my reason for choosing a technique.	Think /pair/share:What do you notice about the shapes of liquids?	Demonstrations: Filtration,magnetism, evaporation, chromatography	Teacher discusses on methods of separation of substances	Think /Pair/Share:one method of separation.	Written Response: Write one method of separation with explanation.	Exit ticket – Match separation method to given mixture
Thursday		I can identify and describe chemical properties and changes in matter I can give examples of common chemical properties. I can explain how tp recognize chemical changes.	Poll: 'Is rusting physical or chemical? Why?'	Teacher-led examples with demos (vinegar + baking soda).	Discussion about chemical properties	Discussion about chemical properties	Worksheet	Quick write: 'One physical change & one chemical change I saw today.'
Friday		I have learnt the properties of matter I have learnt the physical and chemical properties of substances	Do Now: List 3 physical and 3 chemical properties.	Teacher review the above topics	Teacher review the above topics	Chapter test	Chapter test	Chapter test

**key literacy strategies*