



Westside High School - Weekly Plan to Align Lessons (Week at a Glance) - 2025-26



Teacher: M.Prasanna Rao Subject: Science Course: AP EVS Grade: 9 & 10 Date(s): August 18th to August 22nd

Standards :							
Assessment: <input type="checkbox"/> Quiz <input type="checkbox"/> Unit Test <input type="checkbox"/> Project <input type="checkbox"/> Lab <input type="checkbox"/> None							
	Pre-Teaching Learning Target Success Criteria 1 Success Criteria 2	Activation of Learning (5 min) <ul style="list-style-type: none"> Do Now Quick Write* Think/Pair/Share Polls Notice/Wonder Number Talks Engaging Video Open-Ended Question 	Focused Instruction (10 min) *I DO <ul style="list-style-type: none"> Think Aloud Visuals Demonstration Analogies* Worked Examples 	Guided Instruction (10 min) *WE DO <ul style="list-style-type: none"> Call/Response Probing Questions Graphic Organizer Digital Whiteboard 	Collaborative Learning (10 min) *Y'ALL DO <ul style="list-style-type: none"> Discussions* Expert Groups Labs Stations Think/Pair/Share Create Visuals 	Independent Learning (10 min) *YOU DO <ul style="list-style-type: none"> Written Response* Digital Portfolio Presentation Canvas Assignment Choice Board Independent Project Portfolio 	Closing (5 min) <ul style="list-style-type: none"> Group Discussion Exit Ticket 3-2-1 Parking Lot Journaling* Nearpod
Mon day 08/18/2025	I am learning about freshwater biomes and their ecological importance. I can identify the characteristics of lakes, rivers, and wetlands.	Quick Write: "Name one freshwater body near your community and its importance."	Demonstration on types of freshwater biomes with visuals and real-world examples.	Analyze a diagram of a lake ecosystem together.	In groups, create a chart comparing lakes, rivers, and wetlands	Write a short paragraph explaining why freshwater ecosystems are critical to biodiversity	Exit Ticket: List one abiotic and one biotic factor in a freshwater biome.
Tues day 08/19/2025	I am learning about marine biomes and their role in global systems. I can describe different marine zones (intertidal, open ocean, coral reefs)	Think/Pair/Share: "Why is the ocean called Earth's life-support system?"	explanation with maps and ocean zone diagrams	Work through a food web of a coral reef with probing questions.	Expert groups analyze different marine zones and present findings.	Write a response on how oceans regulate Earth's climate.	3-2-1 Reflection: 3 facts learned, 2 questions, 1 takeaway.



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




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Wednes day 08/20/2025	 I am learning about the carbon cycle and its processes.  I can explain the impact of human activity on carbon cycling	Which human activities release the most carbon?	carbon cycle with visuals and worked examples.	Whole-class discussion of fossil fuels and deforestation effects.	Groups create posters showing natural vs. human-altered carbon cycle.	Independent diagram labeling of the carbon cycle in notebooks	Exit Ticket: One way humans disrupt the carbon cycle
Thurs day 8/21/2025	 I am learning about the nitrogen cycle and its importance to ecosystems  I can describe nitrogen fixation, nitrification, and denitrification.	Notice/Wonder: "Why is nitrogen important for plants and animals?"	Demonstration on nitrogen cycle with animations/diagrams	Work through examples of fertilizer use and nitrogen runoff.	Collaborative group activity: flowchart of nitrogen cycle steps.	quizzes	Exit Ticket: State one human impact on nitrogen cycle.
Friday 08/22/2025	 I am reviewing aquatic biomes, the carbon cycle, and the nitrogen cycle.  I can apply my knowledge to AP-style quiz questions.	Review Game (Kahoot/Quizizz) on aquatic biomes & cycles.	AP-style FRQ on cycles.	Quiz covering aquatic biomes, carbon & nitrogen cycles.	Quiz covering aquatic biomes, carbon & nitrogen cycles.	Quiz covering aquatic biomes, carbon & nitrogen cycles.	Quiz covering aquatic biomes, carbon & nitrogen cycles.