

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

Teacher: Grant

Subject: Science

Course: Physics

Grade:

Date(s): Sept 9-13, 2024

ALL RESOURCES AND WORK IS AVAILABLE IN CANVAS

Standard: SP1. Obtain, evaluate, and communicate information about the relationship between distance, displacement, speed, velocity, and acceleration as functions of time.

Analyze one-dimensional problems involving changes of direction, using algebraic signs to represent vector direction.

b. Analyze and interpret data using created or obtained motion graphs to illustrate the relationships among position, velocity, and acceleration, as functions of time.

c. Ask questions to compare and contrast scalar and vector quantities.

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	<ul style="list-style-type: none"> Do Now Quick Write* Think/Pair/Share Polls Notice/Wonder Number Talks Engaging Video Open-Ended Question 	<ul style="list-style-type: none"> Think Aloud Visuals Demonstration Analogies* Worked Examples Nearpod Activity Mnemonic Devices* 	<ul style="list-style-type: none"> Socratic Seminar * Call/Response Probing Questions Graphic Organizer Nearpod Activity Digital Whiteboard 	<ul style="list-style-type: none"> Jigsaw* Discussions* Expert Groups Labs Stations Think/Pair/Share Create Visuals Gallery Walk 	<ul style="list-style-type: none"> Written Response* Digital Portfolio Presentation Canvas Assignment Choice Board Independent Project Portfolio 	<ul style="list-style-type: none"> Group Discussion Exit Ticket 3-2-1 Parking Lot Journaling* Nearpod
Monday	 I am learning about velocity  I can explain unit concepts 	Velocity problem to match graph			Students complete review and write own sample questions	Students complete review and write own sample questions	Share questions
Tuesday	 I am learning about acceleration  I can explain unit concepts 	Velocity matching questions as intro	Review using Kahoot/Plickers	Review using Kahoot/Plickers			Use student-made questions as exit ticket

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Wednesday	 I am learning about acceleration  I can explain unit concepts 	Last minute questions	Test	Test	Test		
Thursday	 I am learning about acceleration  I can identify objects that are accelerating 	Acceleration phenomenon video and discussion	Acceleration notes, discussion and sample problems	Solve sample problems			Check work with teacher
Friday	 I am learning about acceleration  I can solve acceleration problems 	Review units for acceleration and variables in equation			Complete practice problem set	Complete practice problem set	Review problem solving steps

**key literacy strategies*