

# Westside High School - Weekly Plan to Align Lessons (Week At a Glance)

Subject: Physics Date(s): 3/11– 3/15

**Standard:** SP5. Obtain, evaluate, and communicate information about electrical and magnetic force interactions. a. Develop and use mathematical models and generate diagrams to compare and contrast the electric and gravitational forces between two charged objects. b. Plan and carry out investigations to demonstrate and qualitatively explain charge transfer by conduction, friction, and induction. c. Construct an explanation based on evidence of the behavior of charges in terms of electric potential energy.

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

	Learning Target (What)	Opening (10 - 15 Mins)	Work-Session (20 - 25 mins)	Closing (5 - 10 mins)	Criteria for Success (How)
		(Include at least one/two Formatives*in any part of the lesson as needed)			
Monday -	I can discuss and evaluate nuclear energy	Review for Test	Test	Test Corrections	<div><input type="checkbox"/> Can I identify charged objects?</div> <div><input type="checkbox"/> Can I follow procedure to safely collect data?</div> <div><input type="checkbox"/> Can I use data collected to solve for potential and kinetic energies?</div> <div><input type="checkbox"/> Can I describe how objects become charged?</div> <div><input type="checkbox"/> Can I explain the interaction between charged objects?</div> <div>Tool(s) for Criteria Success:</div>
Tuesday	I can describe electric charge and how it occurs	Identify common electrostatic situations, watch videos of examples	Complete electrostatics introduction Phet activity	Pairs discuss results and share observations with class	
Wednesday	I can describe electric charge and how it occurs	Charged balloon and water demonstration and explanation	Introduction Notes and demonstrations	Draw diagram of charge distribution in charged items	
Thursday	I can determine how charge moves from one object to another I understand charged , positive, and negative charged objects.	Plastic wrap pulled off roll demonstration and explanation	Sticky tape lab activity	Class discussion and sharing of results	

Friday	I can determine how charge moves from one object to another I understand charged, positive, and negative charged objects.	Recap lab day 1 results	Complete Sticky Tape Lab	Class discussion and sharing of results	<input type="checkbox"/> Rubric <input checked="" type="checkbox"/> Self-Assessment <input type="checkbox"/> Checklist <input checked="" type="checkbox"/> Peer Assessment <input checked="" type="checkbox"/> Exemplars/Non-Exemplars <input type="checkbox"/> Other: _____
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\* ☒ Exit Ticket/Final Stretch Check   ☒ Electronic Tools   ☐ Dry Erase Boards – quick checks   ☒ Turn & Talk Discussion (verbal responses)   ☒ Teacher Observation – document Clipboard  
☐ Quick Write/Draw   ☒ Annotation   ☐ Extended Writing   ☐ Socratic Seminar   ☐ Jigsaw   ☐ Thinking Maps   ☒ Worked Examples   ☐ Other : \_\_\_\_\_