WESTSIDE HIGH SCHOOL

Level Up: RISE to Your Potential

24-25 Lesson Plan Template Teacher: Asma Akhter Subject: On level physics A

Week of: DATE 11/04/2024	Monday 11/04	Tuesday 11/05	Wed./Thurs 11/06&11/07	Friday 11/08
TEKS	P7.A Calculate and explain work and power in one dimension and identify when work is and is not being done by or on a system.	P7.A Calculate and explain work and power in one dimension and identify when work is and is not being done by or on a system.	P7.A Calculate and explain work and power in one dimension and identify when work is and is not being done by or on a system.	P7.A Calculate and explain work and power in one dimension and identify when work is and is not being done by or on a system.
Learning Objective	SWBAT explain and calculate work and power in one-dimension within a system.	SWBAT explain and calculate work and power in one-dimension within a system.	SWBAT calculate real life applications and identify situations where work is done and where it is not being done by or on the system	SWBAT calculate real life applications and identify situations where work is done and where it is not being done by or on the system
Higher Order Thinking Questions	• What is work and how is it calculated? • How is power related to work?	• What is work and how is it calculated? • How is power related to work?	• How can we use the concepts of work and power in Physics to analyze real world scenarios?	• How can we use the concepts of work and power in Physics to analyze real world scenarios?

Agenda	• Do Now • Student Activity • DOL • Quizizz.com	• Do now • Student activity sheet • DOL • Quizizz.com	• Do now • Work and power lab • DOL, analysis questions from canvas	• Do now • Finish lab and work with a lab report with their group • DOL
Demonstration of Learning	Given 5 questions, students will explain and calculate work and power in one-dimension within a system by answering at least 4 of 5 questions correctly.	Given 5 questions, students will explain and calculate work and power in one-dimension within a system by answering at least 4 of 5 questions correctly.	Given 5 questions, students will calculate real life applications and identify situations where work is done and where it is not being done by or on the system by answering at least 4 of 5 questions correctly.	Quizziz. Com
Intervention & Extension	Extra time Extended time	Extra time Extended time	At least finish 50% and one extra day	Extended time or less number of questions
Resources	HISD resources	District resources Lab hand out	District resources	District resources