

ES/USD 9th GRADE PHYSICS(P) & CHEMISTRY(C) STANDARDS	MS6													
	Evaluate the variables in an experiment about periodic motion	Interpret a graph about energy	Read a graph about motion	Use an operational definition to interpret data	Use data to draw a conclusion about magnetic strength	Draw a conclusion about simple machines	Identify a system of energy transformation	Use observations to apply an understanding of energy	Associate a chemical change with its products	Determine the relative amount of pressure on an object	Predict the motion of a particle based on an understanding of electrostatics	Predict the outcome of a wave transmission	Use an understanding of forces to predict motion	
#P3: Heat and thermodynamics: conservation of matter	3		3			3	3							
#P4: Wave properties	2/3	2/3	2/3			2/3	2/3					2/3		
#P5: Electricity/magnetism	2		2	2		2	2			2				
#C1: Periodic table /atomic structure	1		1			1	1	1						
#C2: Chemical bonds	1		1			1	1	1						
#C3: Conservation of Matter/stoichiometry			1				1	1						
#C5: Acids/Bases			1			1	1	1						
#C6: Solutions			1			1	1							
#C7: Chemical Thermodynamics/energy transformations	1		1			1	1	1						
#C10: Organic and biochemistry: carbon properties	1		1			1	1	1						
(8) MS6 (9) (8)														