Unit and Time Frame	Standards	Evidence of Understanding	Assessment		Instructional Strategies
			Formative	Summative	
Electricity (3 weeks)	Charging objects (friction, contact and induction)	Students will understand the basic properties of electric charge, differentiate between conductors and insulators, and lastly distinguish between charging by contact, charging by induction, and charging by polarization.	Homeowrk Assignments, Lab experiemnts, trivia games, white board work,work journals, and questions during class	Lab Reports, Quizzes, Chapter Tests, and Projects	Notes on Electric Forces and Fields, Polar Magnet Lab, Unit Test
	Coulomb's law	Students will calculate electric force using Coulomb's law, and compare electric force with gravitational force.			Coulomb's Law Practice Problems
	Electric fields and electric potential energy	Students willl calculate electric field strength, draw and interpret electric field lines			Electric Field Strength Practice Problems
	DC circuits	Students will calculate Ohm's law, examine Series and parallel circuits,Mixed circuits; and apply conservation of charge and energy (junction and loop rules)			Notes on Electric Energy and Current, Series Circuit Lab, Parallel Circuit Lab
Magnetism (1 week)	Magnetic fields and energy	Students will describe the magnetic field around a magnet,			Notes on Magnetiusm, Magnetic Domains Demo
	Electromagnetic interactions	Students will be able to use the right hand rule to determine the direction of the magnetic field in a current-carrying wire.			Right Hand Rule Notes and Quick Lab,Particle in a Magentic Field Practice Problems