

Monday	TEKS: 7B, 8AB, 7B, 3A, 8C, 2A, 3A, 3E	Objective: Differentiate between conductors and insulators and distinguish charge by induction, contact, & polarization
		Activities: Understand the basic properties of electric charge. Discuss different charge scenarios—like balloon sticking to wall, lightening, electric man story, door knob shocker, plane in lightening, car in lightening, the squirrel on the power lines, lightening rods, GROUNDING Define conductor, insulator, induction
		Materials: Pen, paper, book, notes, calculator.
		Follow Up/HW: Section review page 633
Tuesday	TEKS: 7B, 8AB, 7B, 3A, 8C, 2A, 3A, 3E	Objective: Calculate electric force using Coulomb's law & compare gravitational and electrical forces. Apply superposition principle to find resultant force
		Activities: Give Coulomb's Law along with equation Demonstrate SAMPLE 17A Define and discuss field forces Demonstrate SAMPLE 17B and 17C
		Materials: Pen, paper, book, notes, calculator.
		Follow Up/HW: Practice 17A, 17B, and 17C Section Review page 642
Wednesday/Thursday	TEKS: 7B, 8AB, 7B, 3A, 8C, 2A, 3A, 3E	Objective: Calculate electric field strength and draw and interpret electric field lines. Understand covered electrical concepts and learn about electric fields
		Activities: Review mathematical applications surrounding electricity Discuss in detail the properties of electricity and have students predict the behavior of electricity for tomorrow's lab Discuss electrical fields and the drawings that help explain the behavior of charges
		Materials: Book, notes, calculator.
		Follow Up/HW: Study the math problems from chapter 17
Friday	TEKS: 7B, 8AB, 7B, 3A, 8C, 2A, 3A, 3E	Objective: To explore the effects of electricity LAB LAB LAB
		Activities: Do all of the amazing experiments and lab demonstrations surrounding the concepts already covered using the various electrical machines
		Materials: Pen, paper, book, notes, calculator.
		Follow Up/HW: Study the math problems from chapter 17