

Monday	TEKS: 2C, 3A, 3C, 3E	Objective: Relate concept of energy, time, and power by calculating power and be able to apply to the use of machines.
		Activities: Warm-up Review/reinforce previous ch 5 concepts. Introduce 2 formulas to find power and work sample 5F Relate to real life situations and how to manipulate variable to change the power output.
		Materials: books, calculators, and notes
		Follow Up/HW: Practice 5F and Sec. Review pg 189
Tuesday	TEKS: 2A-2D, 3A	Objective: To explain the energy, force, and power related to the building of project (bridge or catapult).
		Activities: Warm-up Turn in projects, schematic, and paper (75%) of project grade.
		End of 2 nd six weeks
		Materials: projects, papers, drawings, evaluation sheets. Follow Up/HW: Prepare for project performance.
Wednesday/Thurs	TEKS: 2A-2D, 3A	Objective: To observe the factors that affect the strength of bridges and the factors that affect projection from catapult.
		Activities: Test and gather data about the usefulness of various designs of bridges and catapults. When finished, evaluate the different models and critique them in class.
		Materials: Projects Follow Up/HW: Reflect on today's activities.
Friday	TEKS: 1A, 2B, 2C, 2F, 3A, 3C, 3E, 5A-D.	Objective: Relate conservation of energy principle to apply to roller coaster design.
		Activities: Warm-up Work problems in class that parallel numbers worked by teacher. Demonstrate power, work, and energy conversions.
		Materials: Demo equip., practice worksheet.
		Follow Up/HW: Finish worksheet if necessary. Prepare for next weeks quiz.