

Monday	Objective: Be able to recognize the difference between the ordinary term work and the physics meaning of the term work.
	Activities: Warm-up with work related line of questioning. (Last Fri :Go over energy flow chart and discuss in depth the concept of work. Collectively go over 5A#1-4.)) Watch “Elegant Universe” Video – take notes.
	Materials: Notes, video.
	Follow Up/HW: Add to notes a reflection of information from video.
Tuesday	Objective: Identify several forms of energy and be able to apply work-kinetic energy theorem.
	Activities: Define and distinguish all forms of energy Introduce KE equation. Explain work-kinetic energy theorem Demonstrate sample 5B, 5C
	Materials: Notes. books, notes, calculator, and pen
	Follow Up/HW: 5B#1,3,5 5C#4
Wed/Thur	Objective: To understand kinetic and potential energy with calculations.
	Activities: Go over 5B and 5C homework questions. Finish video from Monday (~20 minutes) Go over the concept of potential energy and the many forms we will use in class. Work sample 5D in class and relate to conservation of energy.
	Materials: Book, notes, video
	Follow Up/HW: 5D#1,3 SR#1,4
Friday	Objective: Solve problems using conservation of mechanical energy.
	Activities: Discuss conservation of energy both worldly and in physics. Demonstrate 5E Explain important role of friction Relate to construction of roller coasters.
	Materials: Demo roller coaster, book, notes.
	Follow Up/HW: 5E#1,2,5 SR#2,3