**Chapter 14 Energy and Work** ( I give you formulas and calculator)

* Understand Potential and Kinetic Energy and examples of each
* Understand gravitational potential energy and what affects it
* Know different forms of energy and examples of each:

(mechanical, electrical, electromagnetic, heat, chemical and nuclear)

* Know what thermal pollution is
* Know the Law of Conservation of Energy (Albert Einstein)

E = mc2

* Be able to solve problems on work:

work= force x distance

Label work in Joules, force in Newtons, distance in meters

* Be able to solve problems on power:

Power = work ÷ time

Label power in watts, work in Joules, time in seconds

* Know what a kilowatt is equal to