

IPC syllabus!

1st nine weeks:

- lab safety
- measurements – metrics
- scientific method
- motion – speed, velocity, acceleration
- newton's laws
- Conservation of energy
- Calculate work and power
- simple and compound machines

2nd nine weeks

- heat, energy uses and production
- electricity and currents
- parallel and series circuits
- electromagnetism
- wave behavior and properties
- sound and electromagnetic waves

TAKS Benchmark/Semester Exam

3rd nine weeks

- radioactivity and nuclear reactions
- states of matter, fluids and viscosity
- behavior of gases
- elements, compounds and mixtures
- atoms and the periodic table

4th nine weeks

- solutions, solubility, and concentration
- Chemical reactions and changes
- endothermic and exothermic reactions
- acids, bases and salts
- Career connections
- history connections