8th Grade Physical Science
Mr. Olson   Room 301

Physics 
First Quarter
Lab Safety (preparatory for high school environment)
Objects in motion, forces
Acceleration, speed, velocity,
  Standards 1, 2, 9

Chemistry 
Second and Third Quarters
Periodic Table
Basics of Atomic Structure
Atoms and Molecules, elements, compounds, mixtures, solutions
Acids and Bases
Structure, behavior and properties of liquids, solids, and gases.
Mass, Density, Volume, Weight
  Standards 3, 5, 6, 7, 9

Astronomy 
Fourth Quarter
Planets, Solar System
Composition of the universe
Solar, Lunar and Tidal cycles, Astronomical Units
Theories of origin of Universe, Solar System, Moon
  Standards 2, 3, 4, 6, 9

Grading: Based on an average of the cumulative points earned divided by cumulative points possible.
90-100 A   80-89 B   70-79 C   60-69 D   below 60 Fail

Tests and quizzes approximately 50% of grade.
  Chapter Tests
  Notebook quizzes: Open notes, to maintain accuracy in Science Binder.
  Quizzes on various sub categories, vocabulary, elements, lab equipment
  Standard specific tests  (ie., parts of an atom)

  Homework, projects, lab reports, class work make up remainder of grade.
  Homework: usually Monday-Thursday nights, seldom on weekends (20% of grade)
  Reports, projects and class work: vary with time and requirements
  Late Work: points lost for work turned in late, 100% –50% off.

Extra Credit: Seldom, if ever.
I give a lot of points; keeping up with assignments should keep students in acceptable range.

Communication:
  Email: I can usually respond the same day, jolson@hartdistrict.org
  Phone: voicemail, extension 301, or leave request for call with receptionist in office.
  Individualized progress reports on request.