

GREATER SAN DIEGO ACADEMY HOME SCHOOL

Welcome parents and students to Greater San Diego Academy's 2009-2010 academic year!

The G.S.D.A. high school level Chemistry Lab class is designed for students in grades nine through twelve enrolled in Chemistry. The Chemistry Lab class will be offered at two of our four locations. Classes will start at **1pm and conclude at 2:30pm in Central County and South County. There will be no Chemistry labs in East County or North County.**

Day of the Week	Location
Wednesday	Central County
Thursday	South County

This two (2) semester credit class completes one year of the two year lab class requirement for high school students on the University bound track and is highly recommended for all students enrolled in Chemistry. This class will help students to gain a greater understanding of the concepts that they are learning about by giving them 'hands-on' experience with those concepts. G.S.D.A. will offer twenty-two(22) lab classes during the school year. To successfully complete the class for credit, students need to attend at least eighteen (18) lab classes for two (2) semester credits or attend at least nine (9) lab classes for one (1) semester credit. All work will be scored with a four-point rubric and letter grades will be awarded at the end of each semester.

Each of the lab class activities will correspond to Glencoe's Chemistry-Matter and Change textbook and will be closely aligned to California's Chemistry standards. **Below is the lab schedule only, it does not include holidays, assessments, or testing information (schedule subject to change).**

Week	Lab Topics	Chapter Pacing
August 31	Chemistry Lab Techniques	1, 2
September 7	Density	2, 3
September 21	Properties of Water	3
September 28	Rutherford's Experiment	4
October 5	Properties of the Periodic Table	6
October 19	Periodic Puzzle	7
October 26	Formation of Salt	8
November 2	Covalent Bonding in Medicines	9
November 16	Covalent Bonds	9
November 30	Estimating the Size of a Mole	11
December 7	Observing a Limiting Reaction	12
January 18	Boiling Points	13
January 25	Charles' Law	14
February 1	Making a Solubility Curve	15
February 15	Solutions and Reactions	16
February 22	Surface Reactions	17, 18
March 1	Equilibrium	18, 19
March 15	Acids, Bases and Neutralization	19, 20
March 22	Determining Oxidation Numbers	20, 21
April 12	Isomerism	22
April 26	Characterization of Carbohydrates	23
May 17	Modeling Isotopes	25

If you have any question about this program, please feel free to contact me via phone at 858-536-7936 or by e-mail at rpelton@jcdusd.net.

Sincerely,
Rebecca Pelton
G.S.D.A. Science Teacher