

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 Physical Science Lab class is designed for students in grades nine through twelve, however eighth grade students are welcome to attend to supplement their 8th grade Physical Science coursework. The Physical Science Lab class will be offered at three of our four locations. Classes will start at **1 pm and conclude at 2 pm in Central County and will start at 1:30 pm and conclude at 2:30 pm in South County. The North County lab will start at 1:15 pm and conclude at 2:15 pm. There will be no Physical Science lab in East County.**

Day of the Week	Location
Tuesday	North County
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 Physical Science (**credit will only be given to the high school students**). 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 Physical Science textbook and will be closely aligned to California's Physical Science standards. **Below is the lab schedule for the year, it includes holidays, assessment days, and testing information (schedule subject to change).**

Aug. 24	NO LAB!	Jan. 18	Ch. 16 Density
Aug. 31	NO LAB!	Jan. 25	Ch. 17 Half-Life of an Isotope
Sept. 7	Ch. 1 Relationships	Feb. 1	Ch. 18 Radioactive Decay
Sept. 14	Ch. 3 Velocity and Momentum (Assessment)	Feb. 8	Assessment
Sept. 21	Ch. 4 Energy of a Pendulum	Feb. 15	Ch. 19 Preparation of CO ₂
Sept. 28	Ch. 6 Thermal Energy	Feb. 22	Ch. 20 Five Solutions Problem
Oct. 5	Ch. 7 Wet Cell Battery	March 1	Ch. 20 Formation of Salt
Oct. 12	Assessment	March 8	Assessment
Oct. 19	Ch. 9 Using the Sun's Energy	March 15	Ch. 21 Conservation of Mass
Oct. 26	Ch. 10 Velocity of a Wave	March 22	Ch. 21 Chemical Reactions
Nov. 2	Ch. 11 Sound Waves and Pitch	March 29	SPRING BREAK, NO LAB!
Nov. 9	Assessment (NO LAB! 11/11)	April 5	SPRING BREAK, NO LAB!
Nov. 16	Ch.12 Electromagnetic Spectrum	April 12	Ch. 22 Properties of Solutions
Nov. 23	THANKSGIVING, NO LAB!	April 19	Assessment
Nov. 30	Ch. 13 Producing a Spectrum	April 26	Ch. 23 Acids, Bases, Indicators
Dec. 7	Ch. 14 Reflection of Light	May 3	*STAR TESTING (NO LAB!)
Dec. 14	Final Review/Assessment	May 10	*STAR TESTING (NO LAB!)
Dec. 21	WINTER BREAK, NO LAB!	May 17	Ch. 24 Organic Compounds
Dec. 28	WINTER BREAK, NO LAB!	May 24	Assessment/Review for Final
Jan. 4	Final Exam	May 31	Final Exam
Jan. 11	NO LAB!		

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

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