



Class Name: Physics
Block 5 (1:30-2:25)
Fall & Spring 2020-21

Tutor: Natalie Martin

Email: nlmartin20@netscape.net

Cell Phone: 321-368-6390

PayPal Address: nlmartin20@netscape.net

Grade Level: 10th-12th

Pre-requisites: Algebra 1 and Physical Science/Chemistry

Course Description: This course provides an understanding of the basic principles involved with physical concepts and the ability to apply these principles in the solution of problems. The course content includes topics in One and two-dimensional motion, Newton's laws and their applications in nature, Work and energy, Electricity, Magnetism, Momentum, Periodic motion, Waves, and Optics. Students investigate physics concepts through experience in laboratories, class and home-work.

Curriculum/Textbook: Exploring Creation with Physics (2nd Edition), Author: Jay Wile, Publisher: Apologia Educational Ministries Inc., ISBN: 978-1-932012-45-3

Supplies Required: Scientific Calculator

- **Monthly class cost:** \$8.00 per week
- **Materials Fee:** \$25 per semester

Minimum # of students: 4

Maximum # of students: 20

