



NEW PALTZ HIGH SCHOOL OPEN HOUSE

September 17, 2015



WELCOME TO EARTH SCIENCE

The Course:

By focusing on problem solving and real world phenomenon students will be engaged in an activity oriented course that will lead to a better understanding on the Earth and its dynamic nature. Issues related to the interaction of science and society will be highlighted to encourage students to contemplate their role as citizens of a rapidly changing world.

Teacher Background:

Jon Stern 30 years teaching experience and long time resident of New Paltz.

New Paltz Central Schools 1997-present

Hyde Park Central Schools 1986-1991 and 1994-1997

Hunter-Tannersville Central Schools 1991-1994

M.S. in Education SUNY at New Paltz, 1992

B.A. in Earth and Space Sciences SUNY at Stony Brook, 1983

Topics of Study:

Earth Systems

Meteorology

Mapping the Earth

Climate

Minerals and Rocks

Weathering and Erosion

Plate Tectonics

Earth's History

Astronomy will be taught in a separate class that meets every other day for one quarter.

Requirements:

Individual lab write ups representing 1200 minutes (about 30 labs) of lab experience are mandated by the state. As the course will feature nearly 50 labs this represents only about 60% of a student's lab experience.

Homework is given most nights. Check the HW and Event calendar on the course website for each day's HW!

3-ring binder, pencil, colored pencils, calculator, and assignment pad must be brought to each class.

-Textbook should be kept at home (class set will be available)

Common Core Standards:

As with all New Paltz HS courses students will be engaged in research and evidence based activities that provide the rigor needed to prepare for college and career. These will include the scientific processes of posing hypotheses, developing procedures that allows for collecting and analyzing data, and reaching conclusions based on this data. Students will be expected to communicate their findings through writing and the use of appropriate multimedia.

Extra Help:

Available almost every day after school.

Regents Exam:

New York State requires all students to pass at least one regents in science to graduate (unless otherwise stated in a student's individual education plan).

Suggestions for Success:

Check Parent Portal often

Remind your child that they can make corrections to every test and quiz and many labs

Please email with any questions or concerns

Get copies of assignments on the course website

Contact Information:

Voice Mail

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Email

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Website

<http://www.newpaltz.k12.ny.us/cms/lib/NY01000611/Centricity/Domain/125/index.html>